

Figure 1

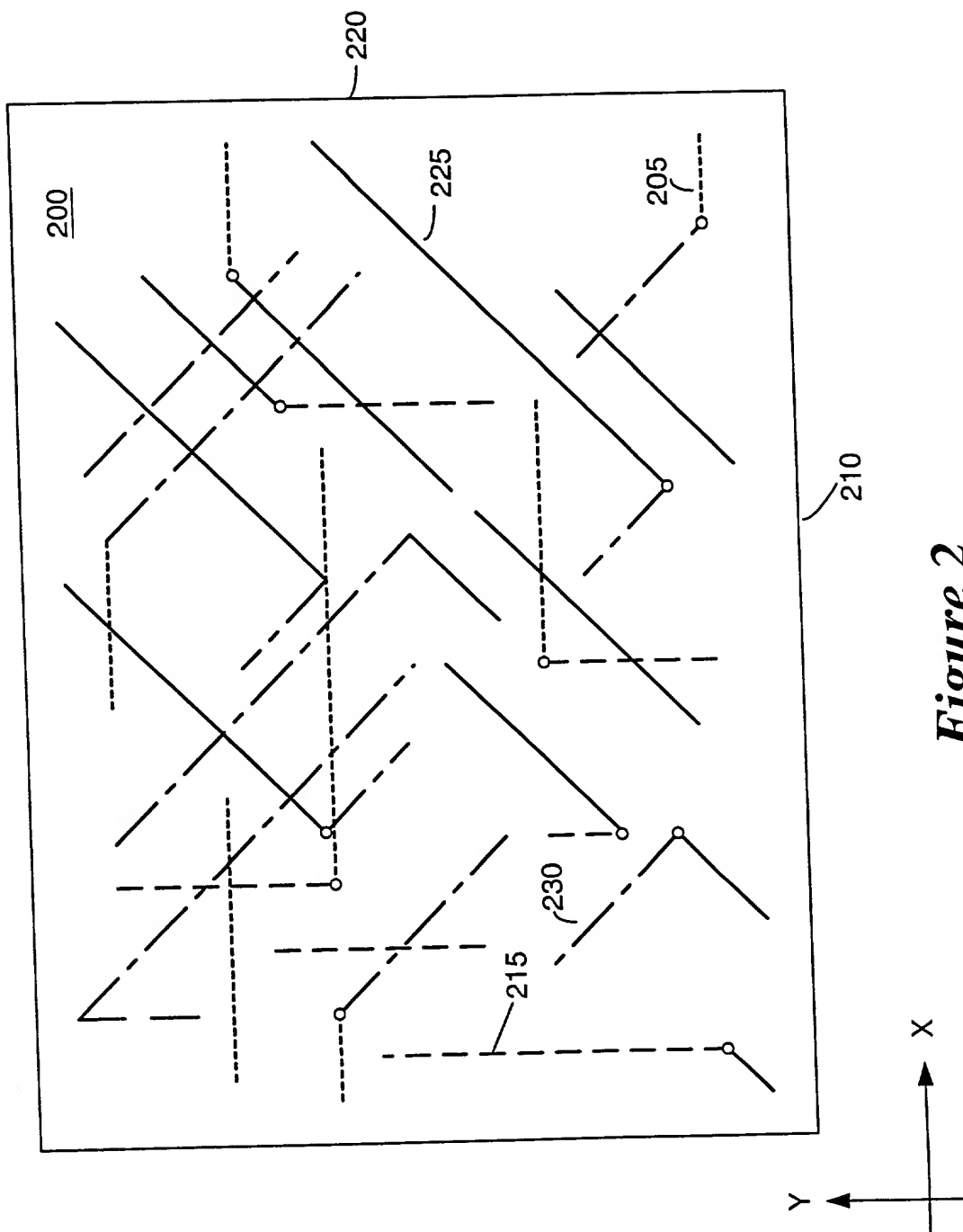


Figure 2

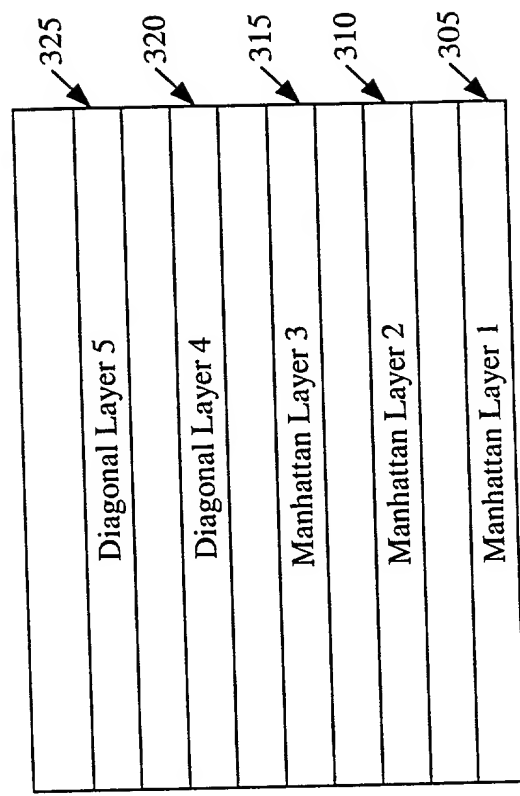


Figure 3

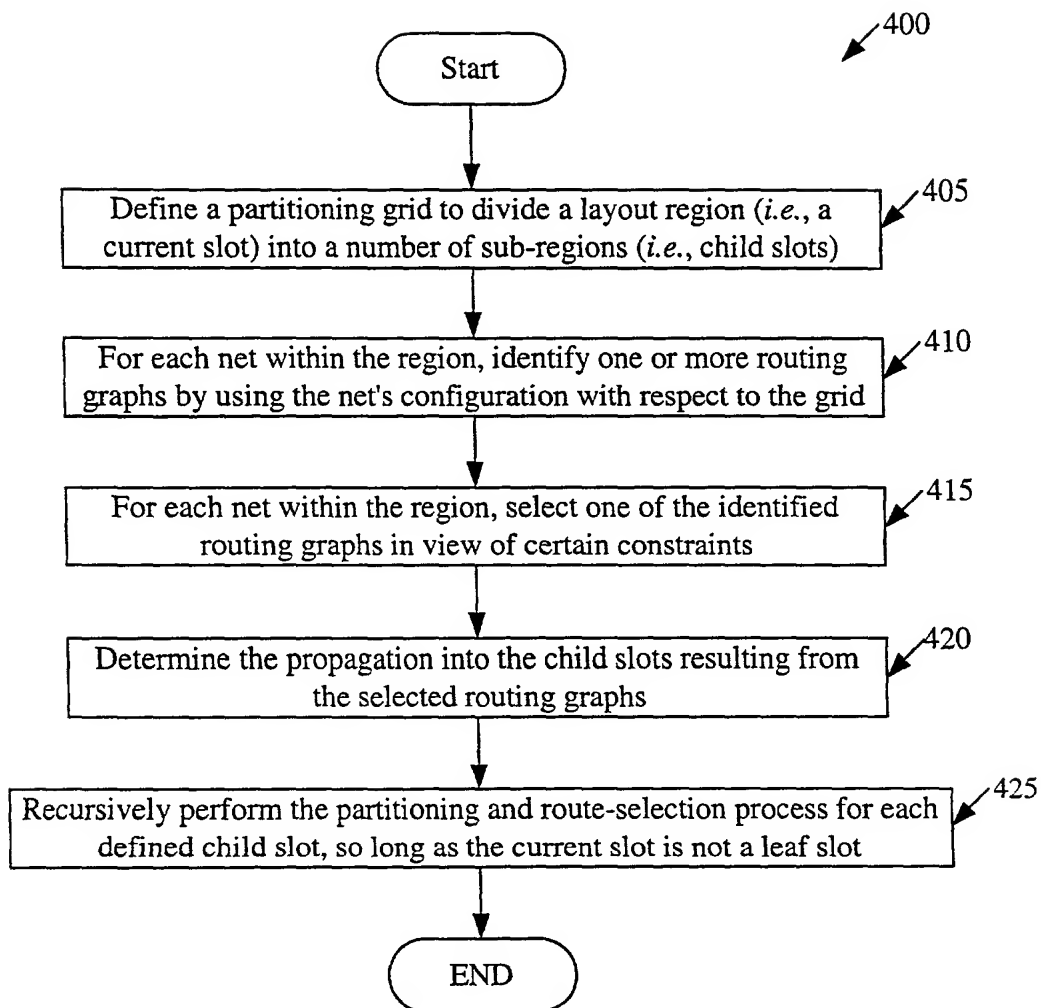


Figure 4

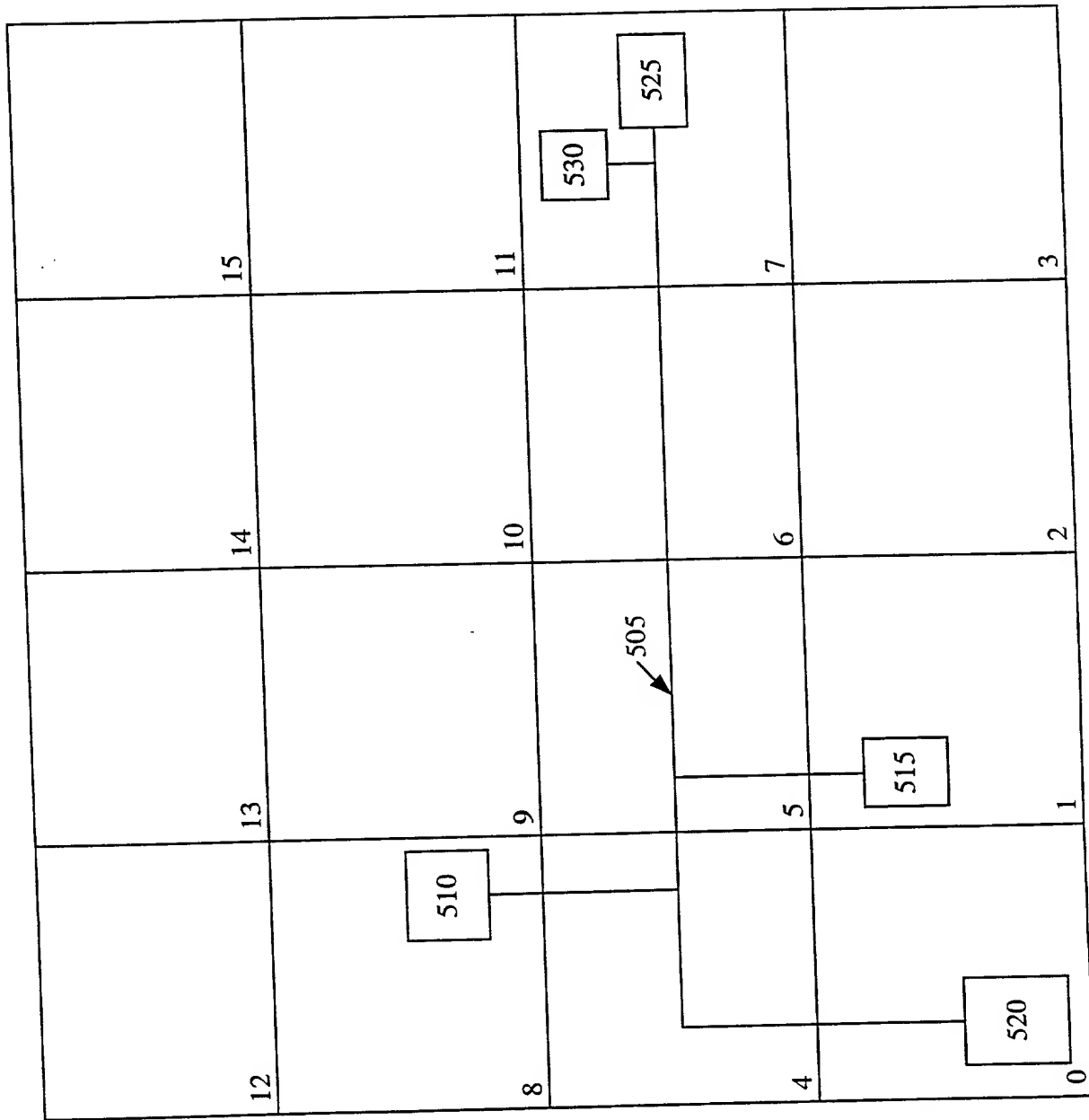


Figure 5

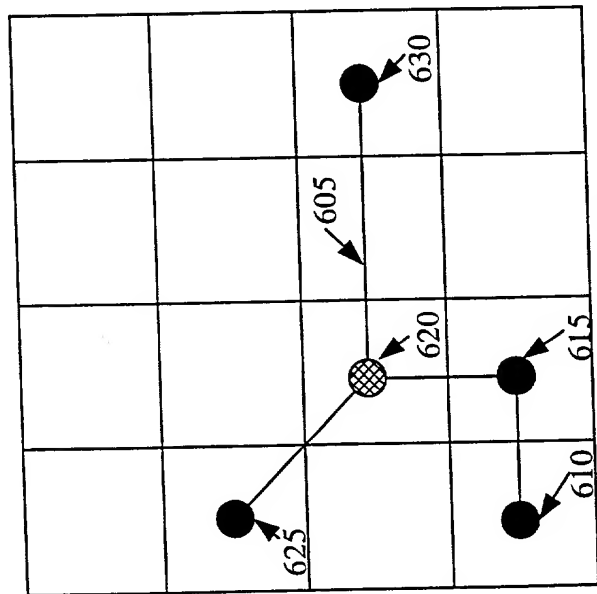


Figure 6

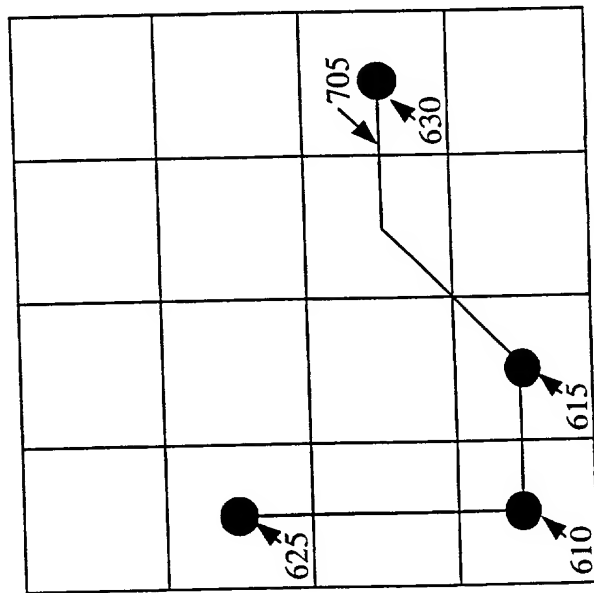


Figure 7

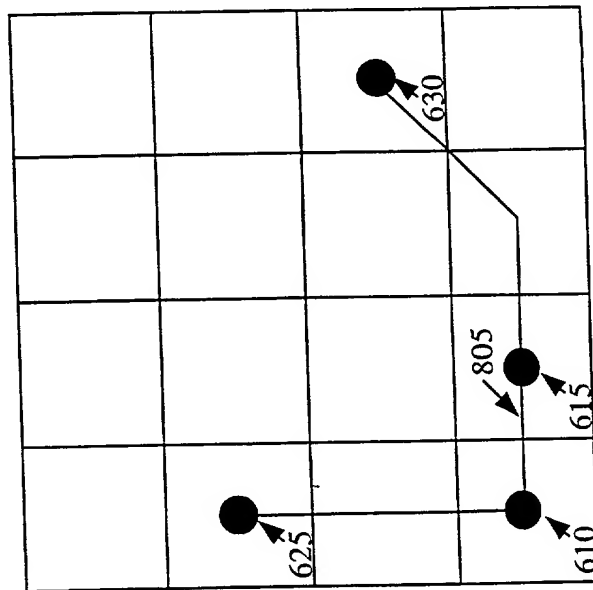


Figure 8

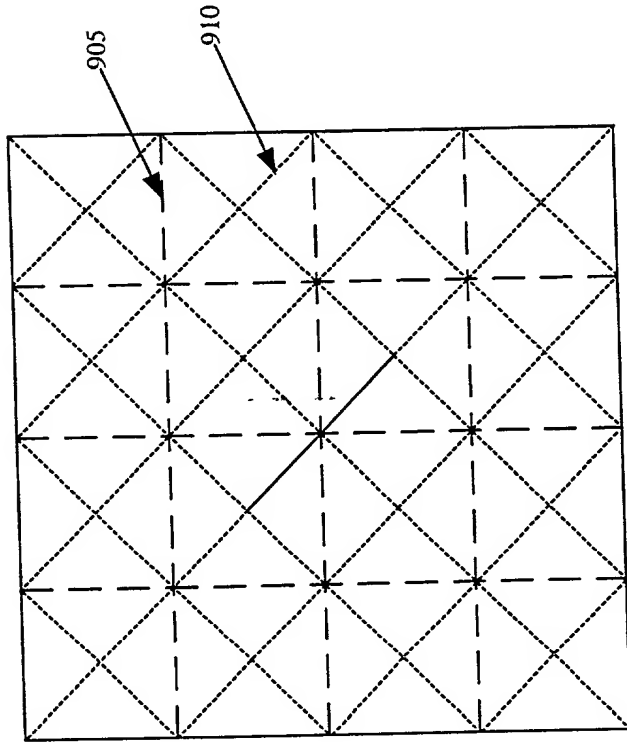


Figure 9

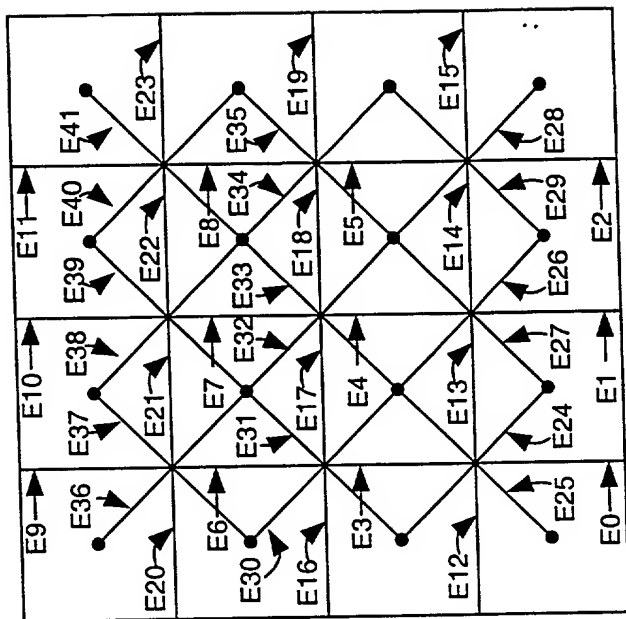


Figure 10

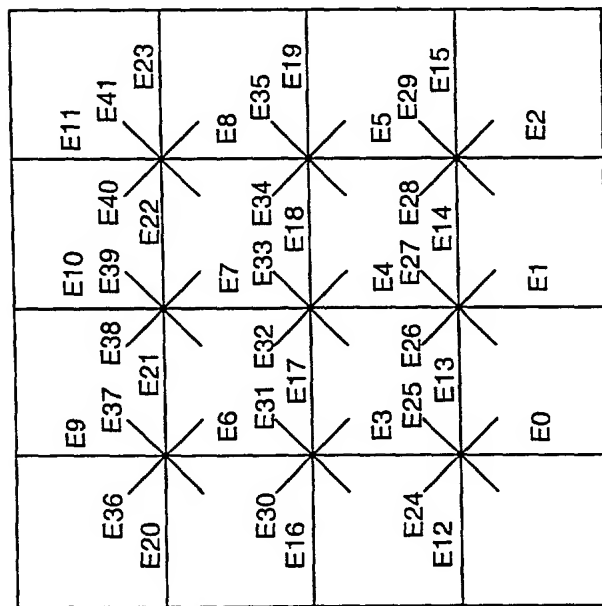


Figure 11

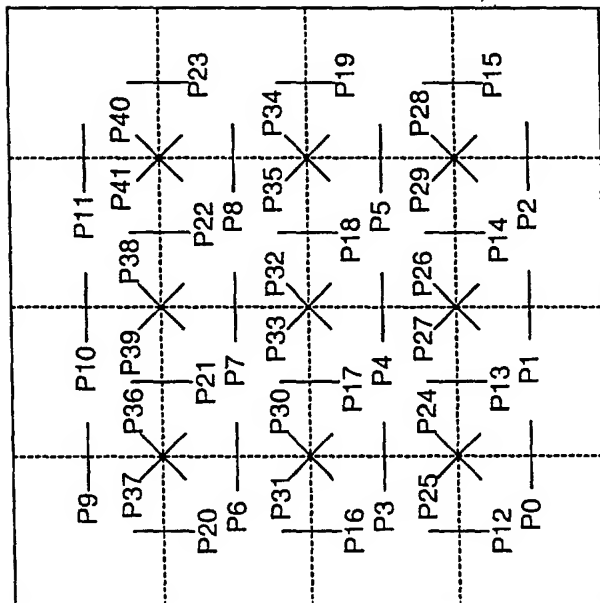


Figure 12

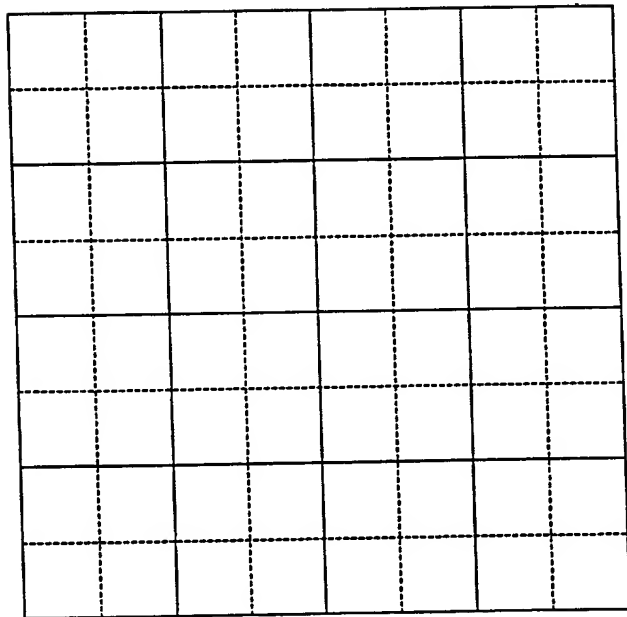


Figure 15

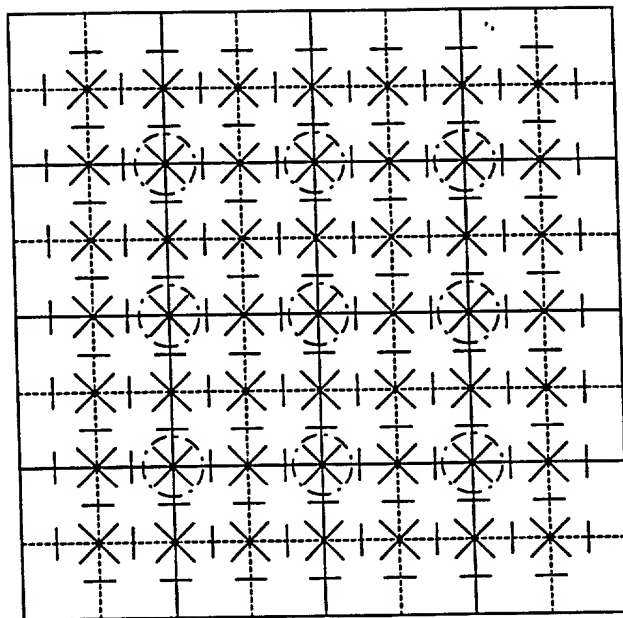


Figure 17

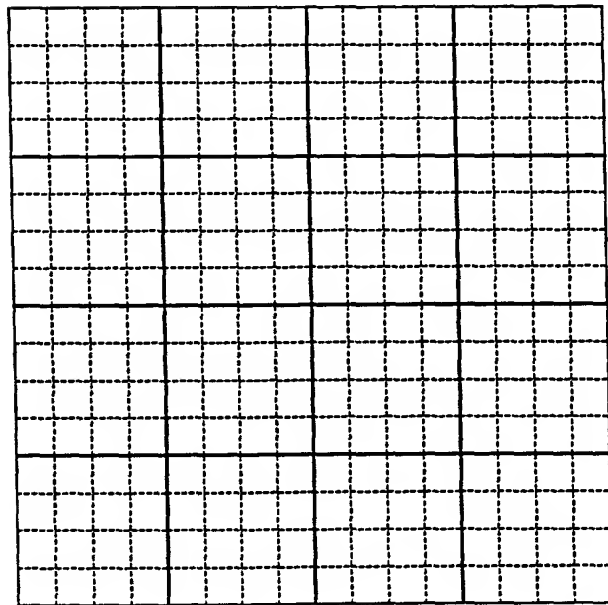


Figure 16

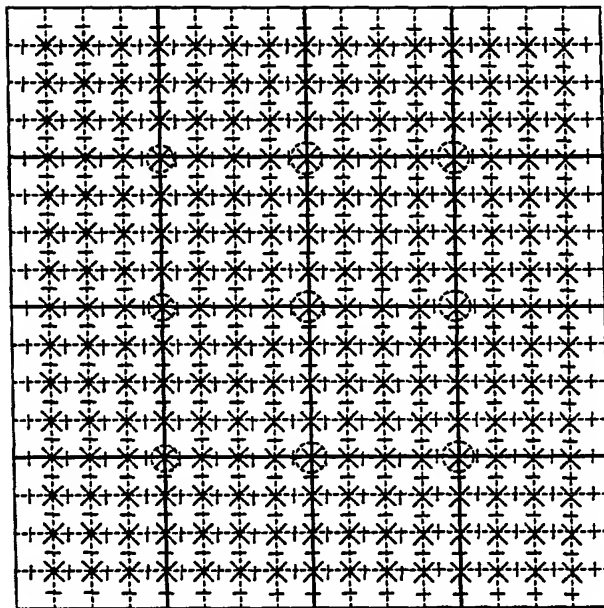


Figure 18

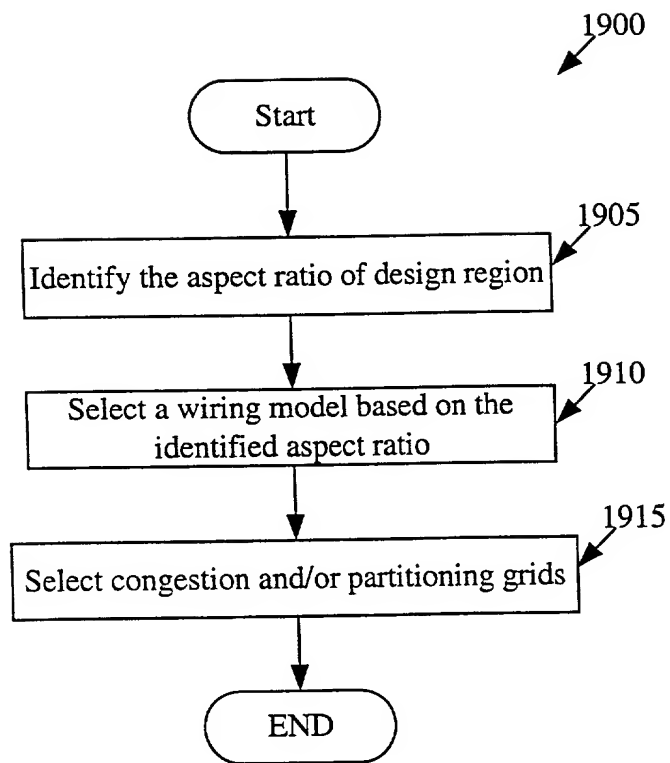


Figure 19

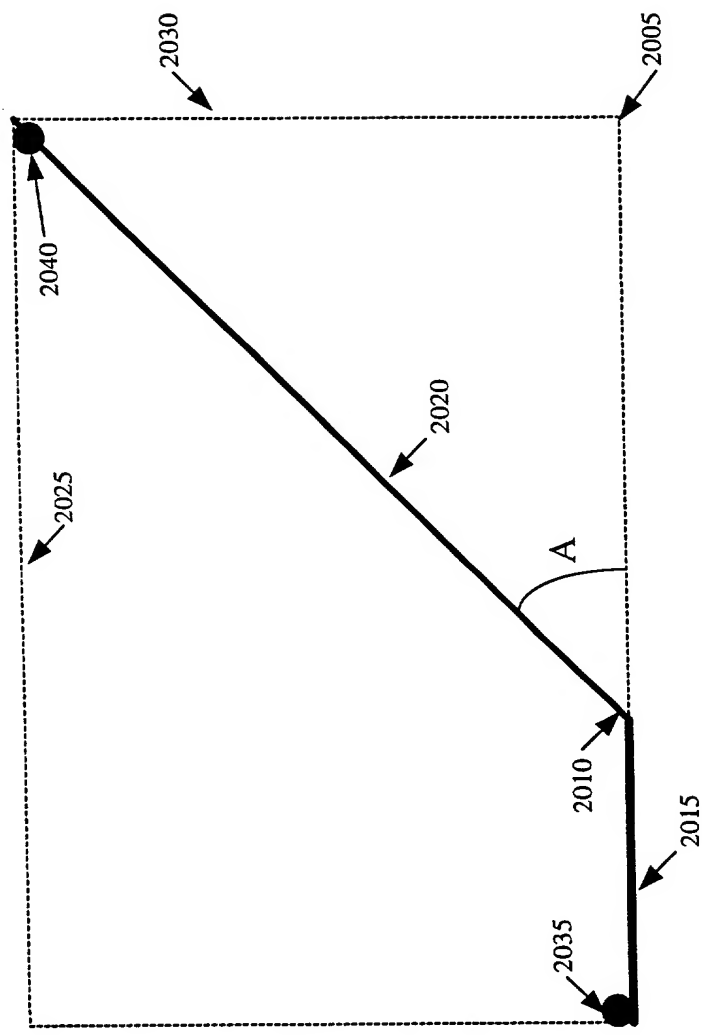
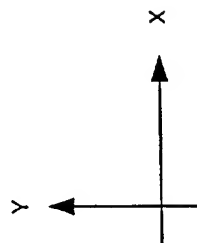


Figure 20

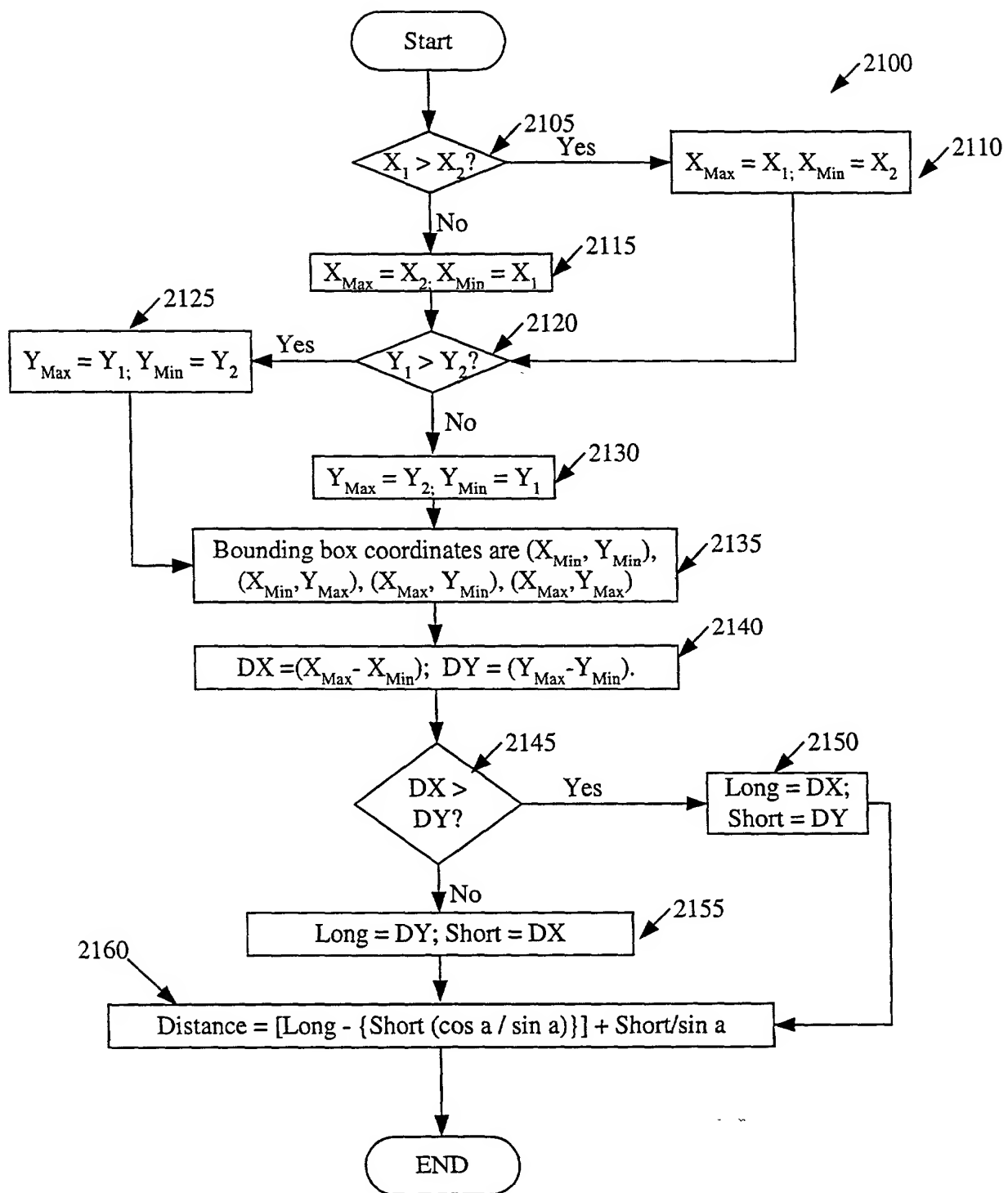


Figure 21

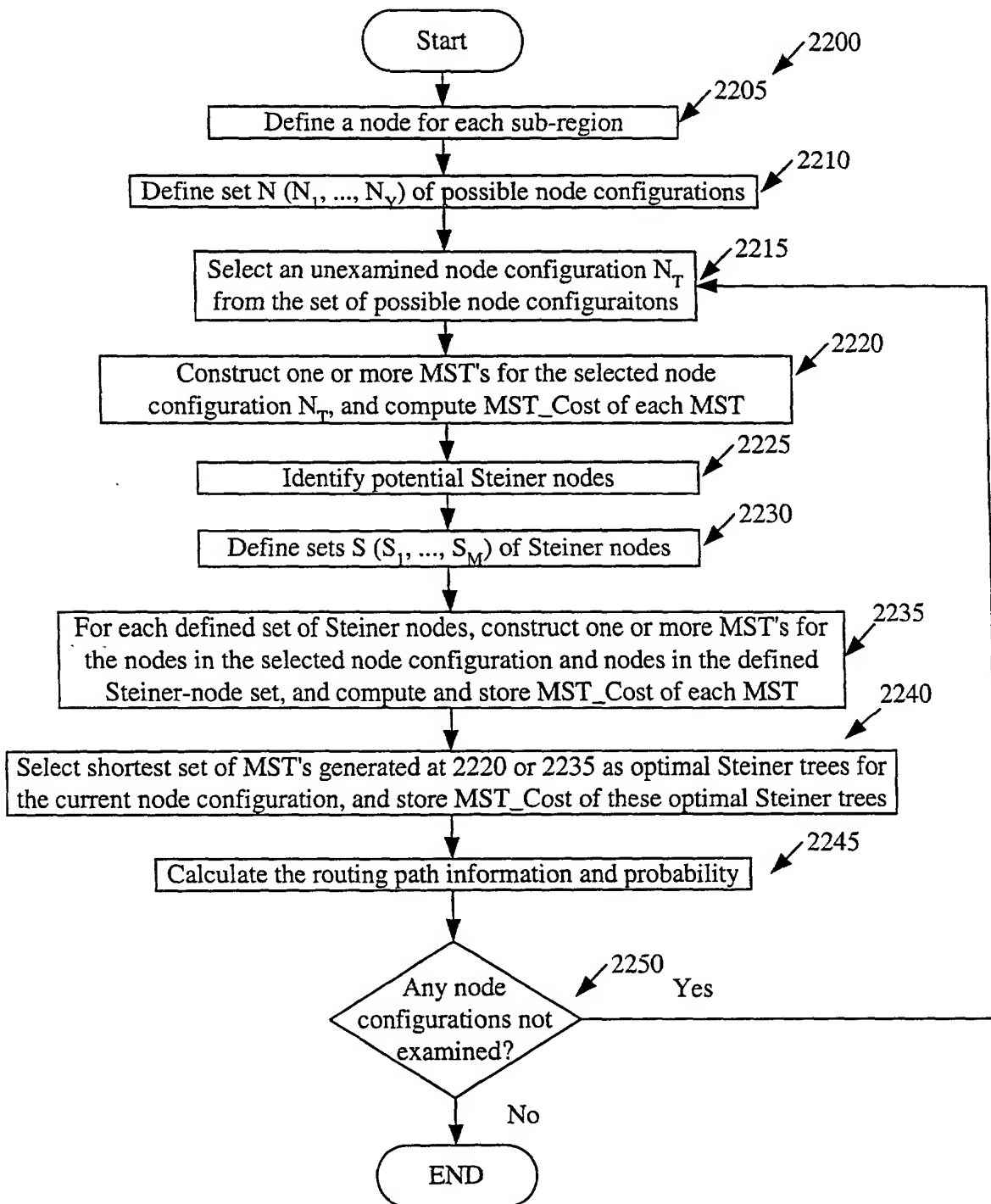


Figure 22

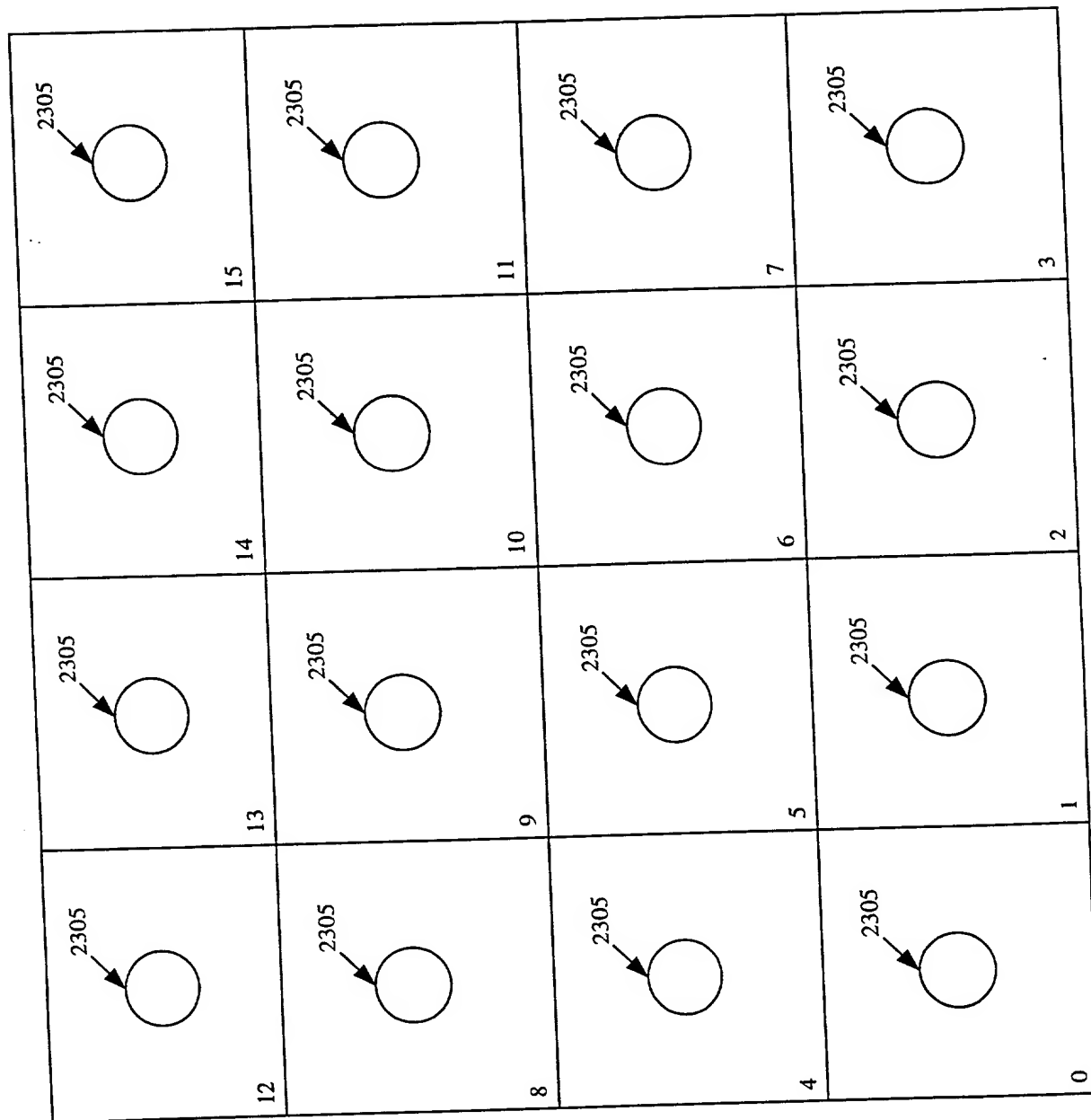


Figure 23

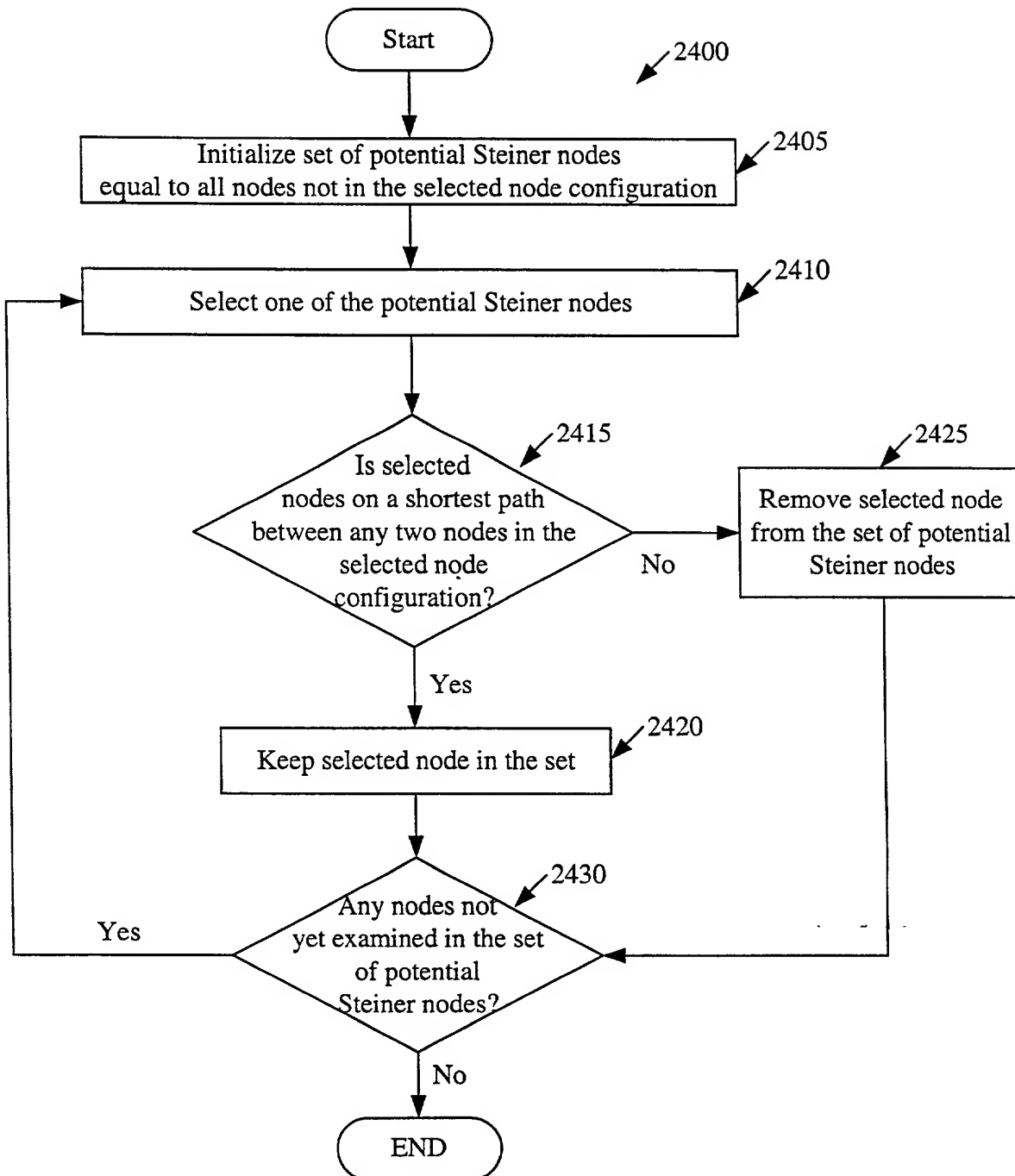


Figure 24

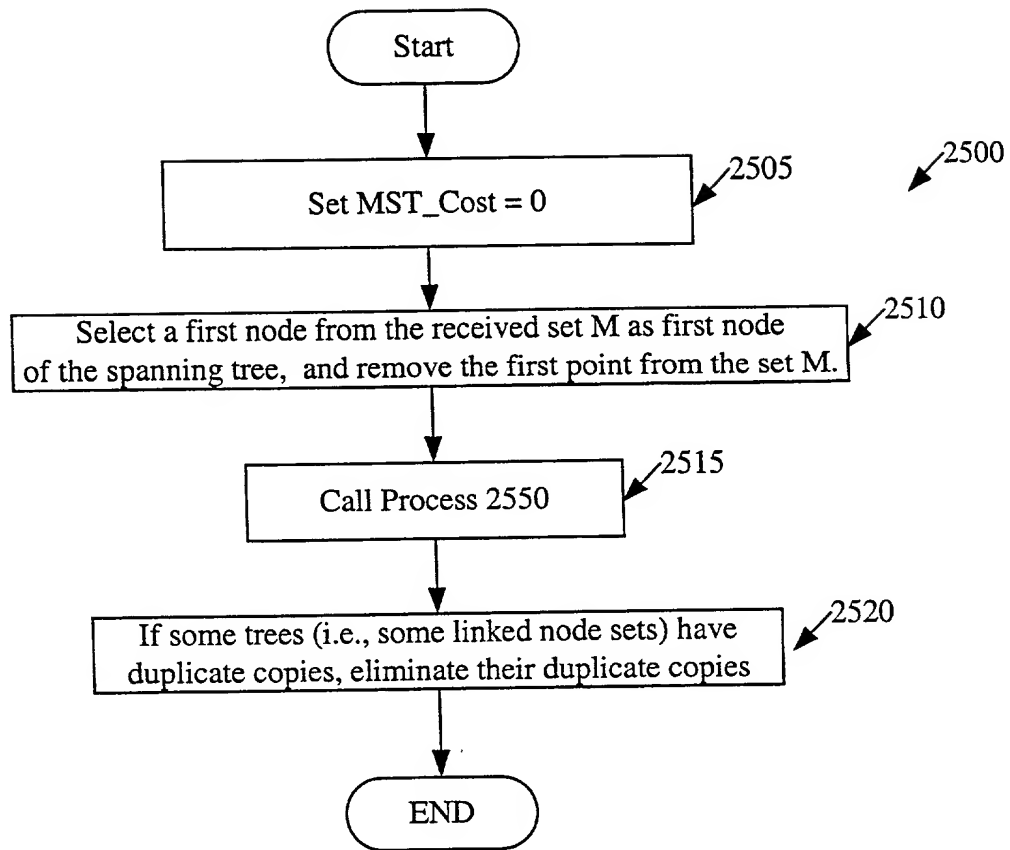


Figure 25A

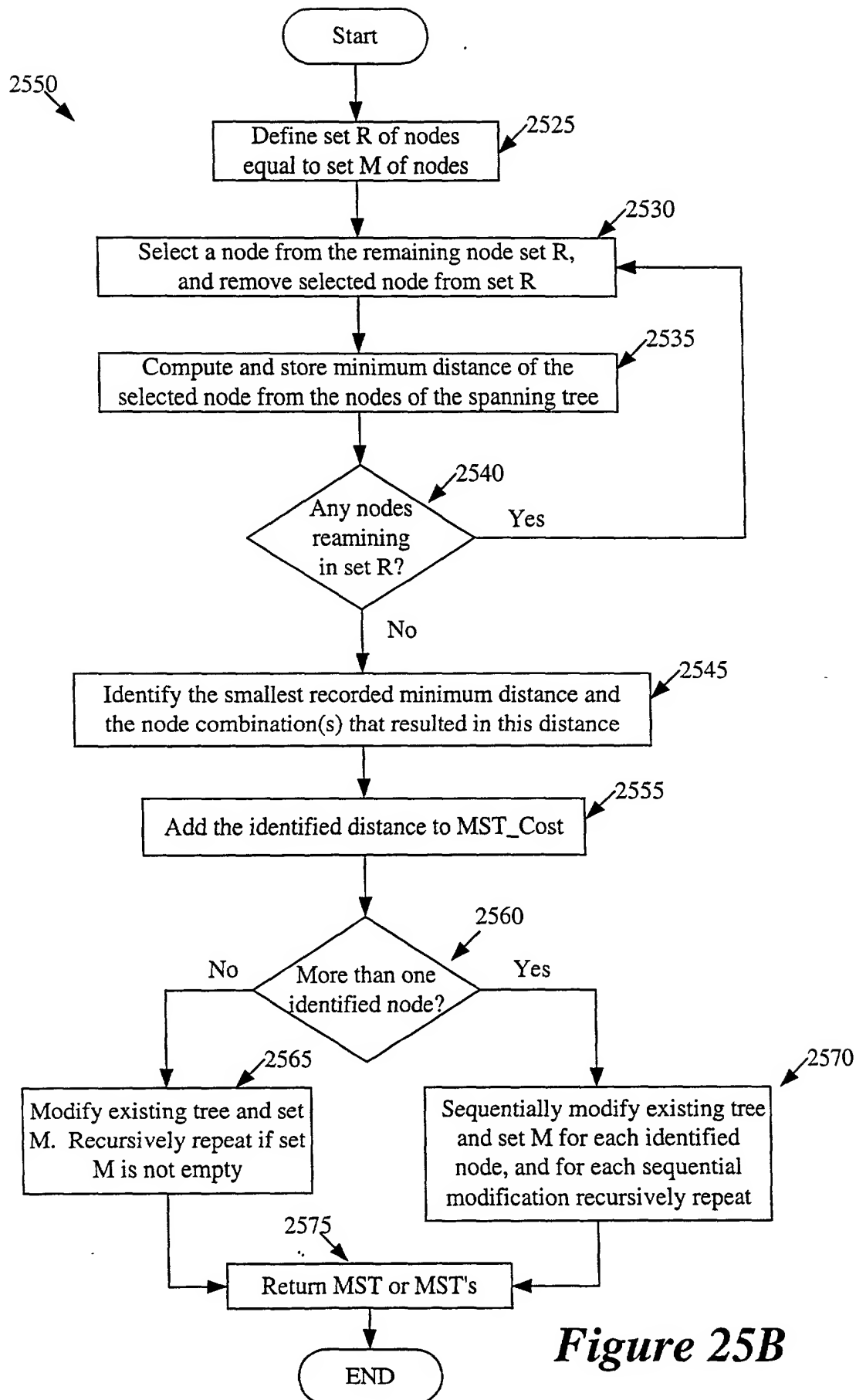


Figure 25B

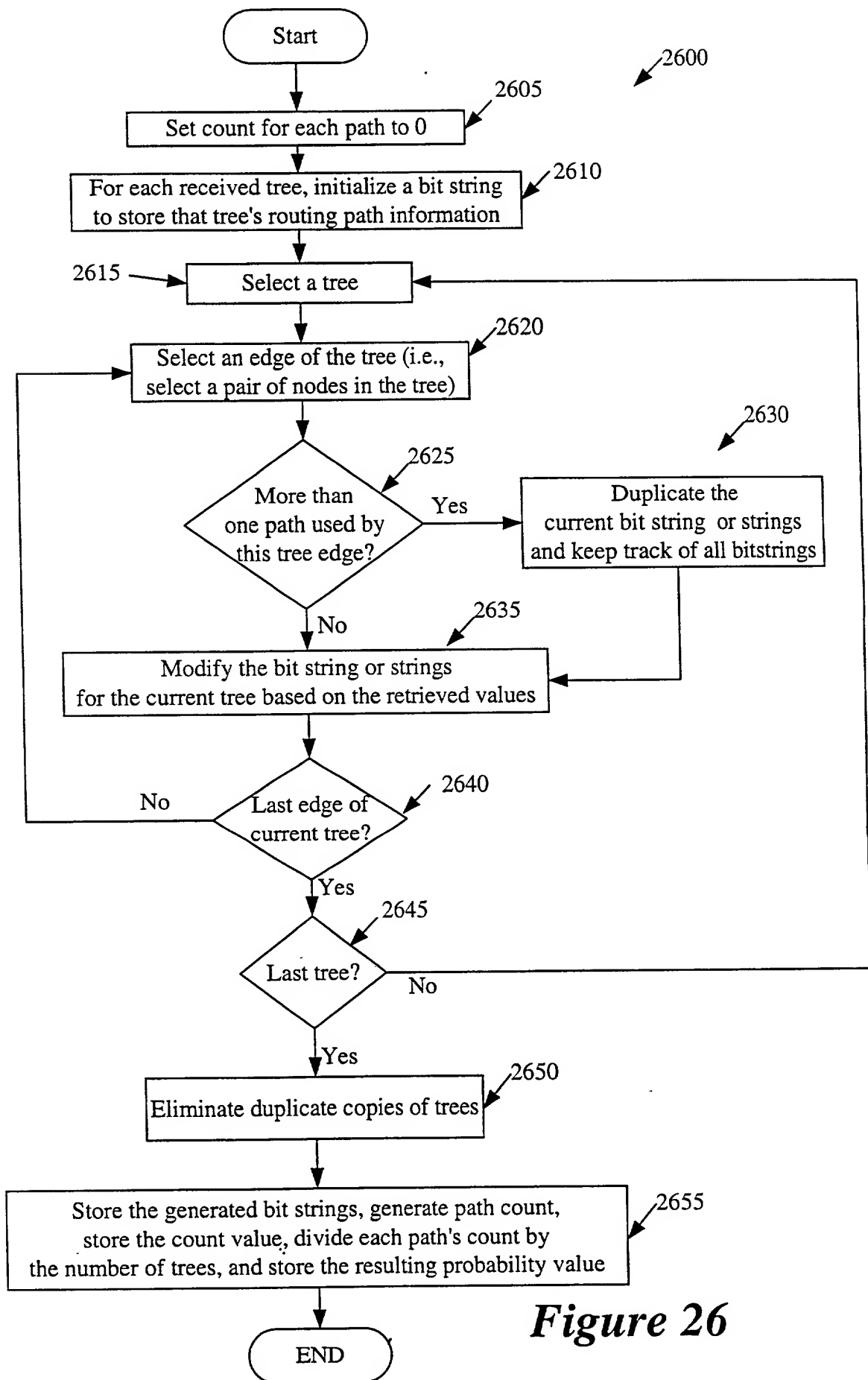


Figure 26

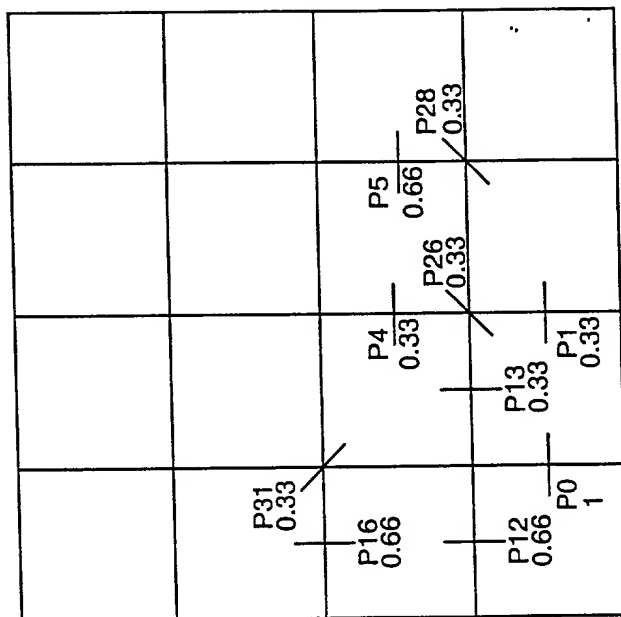


Figure 28

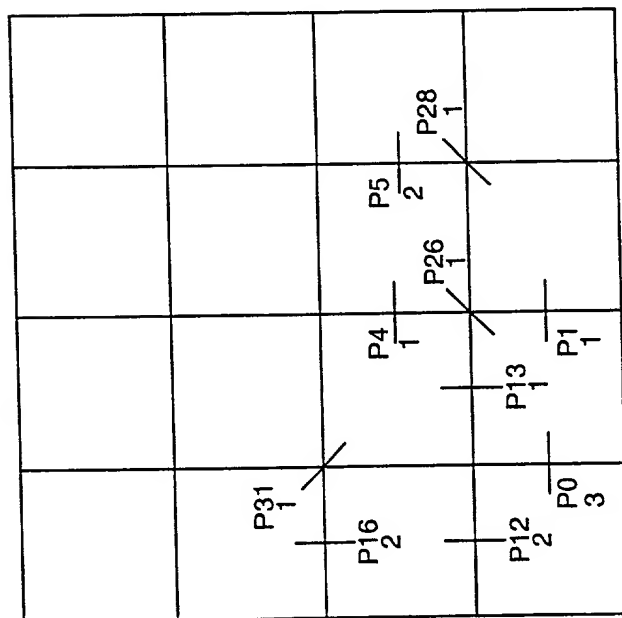


Figure 27

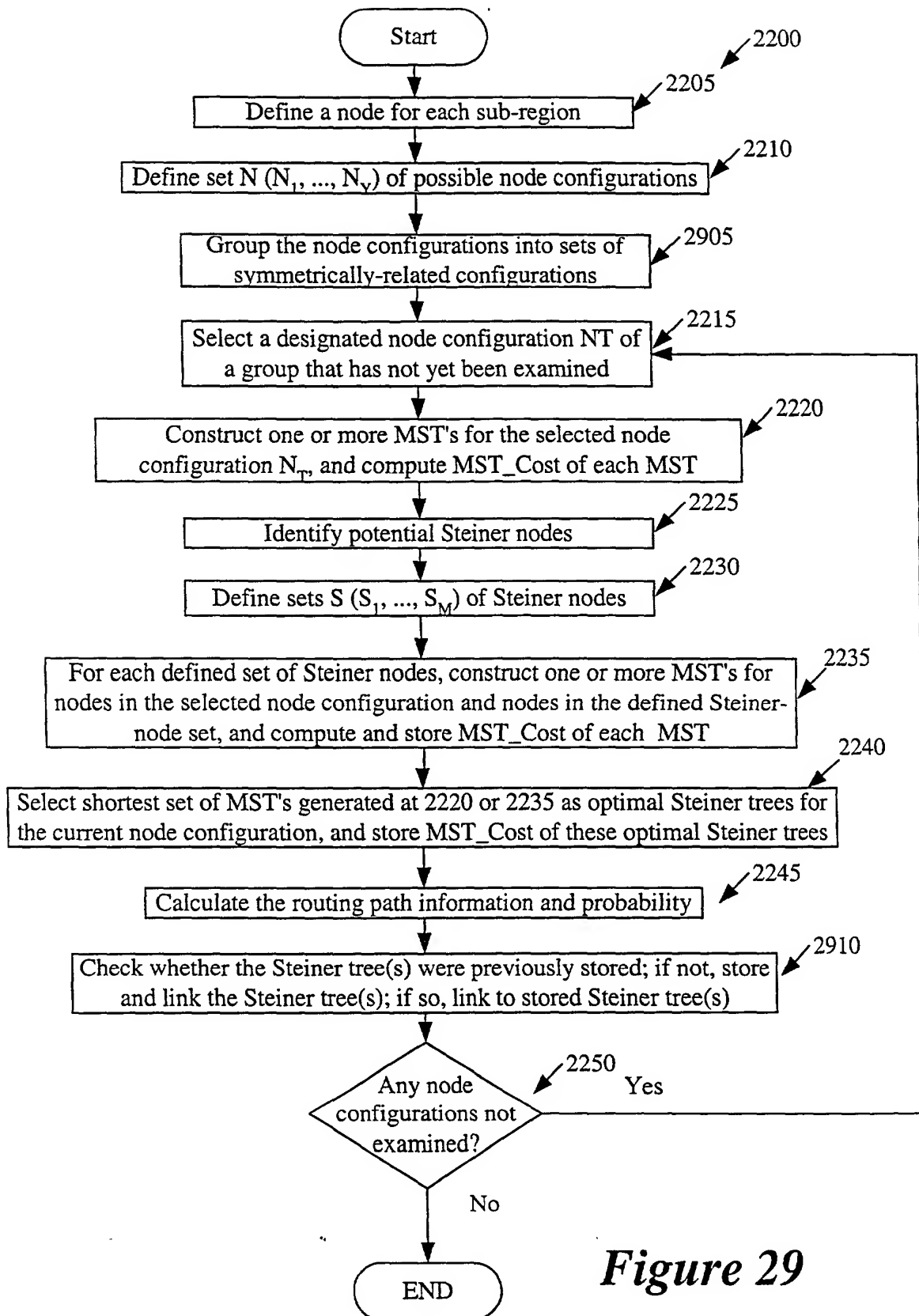


Figure 29

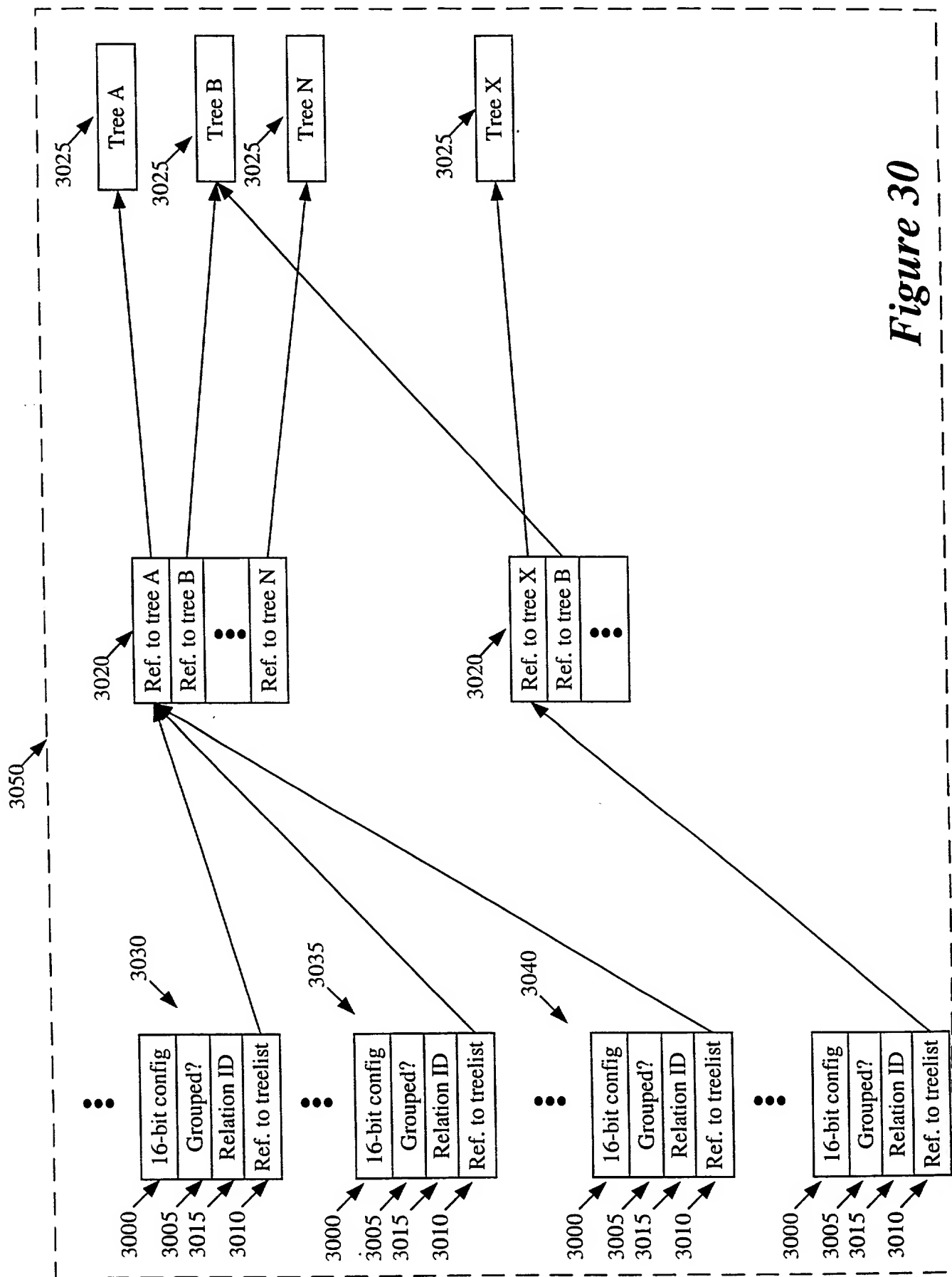


Figure 30

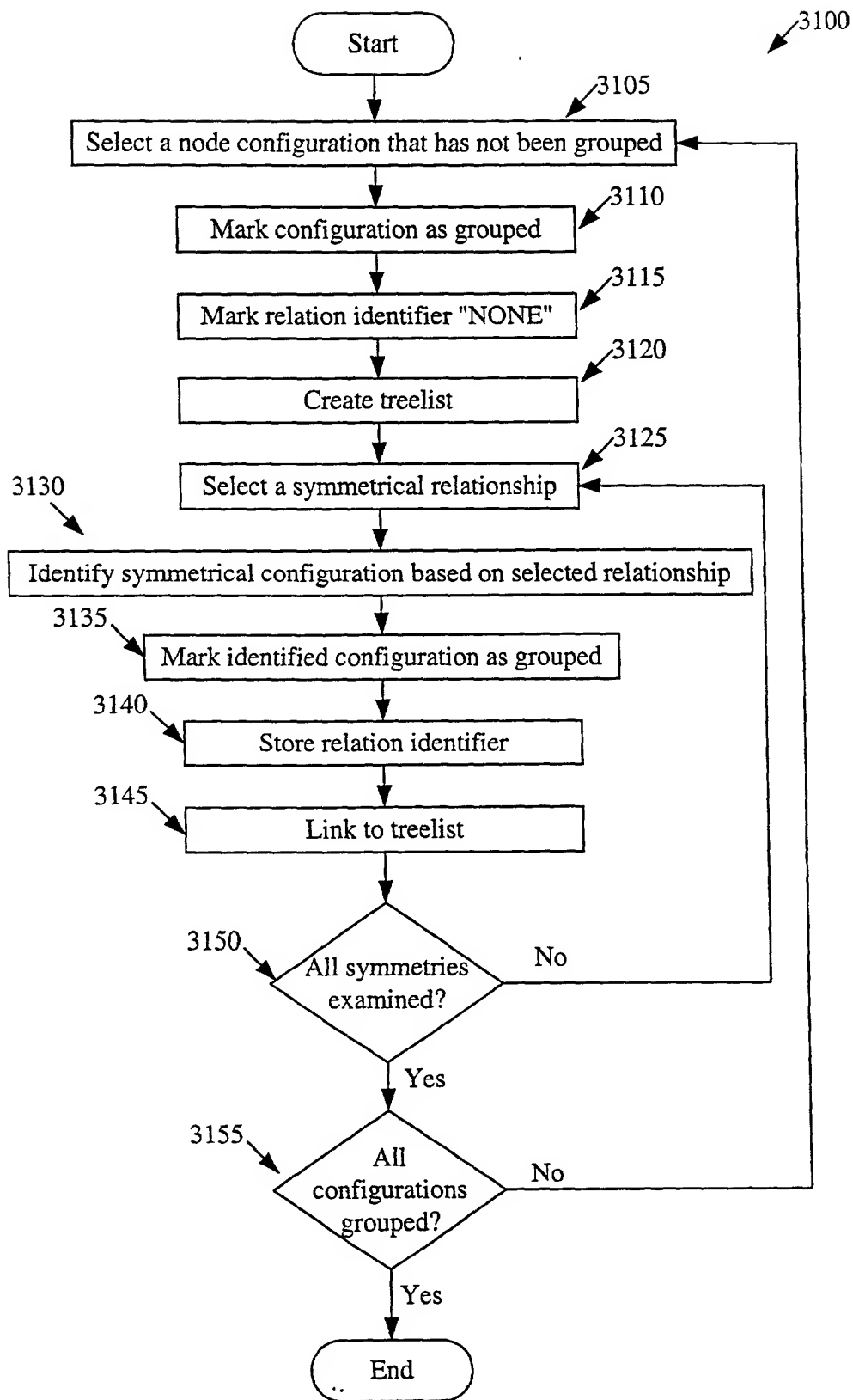


Figure 31

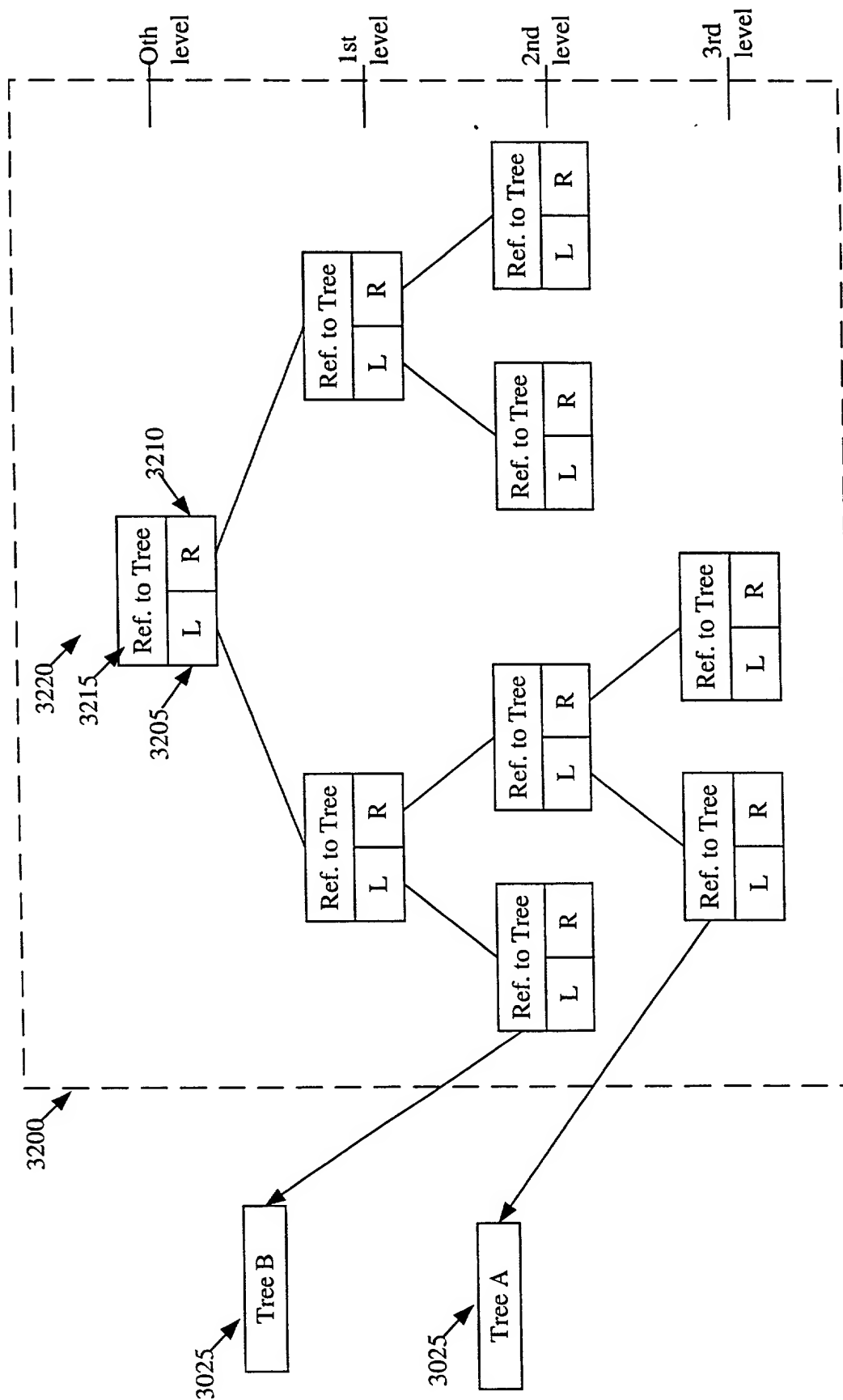


Figure 32

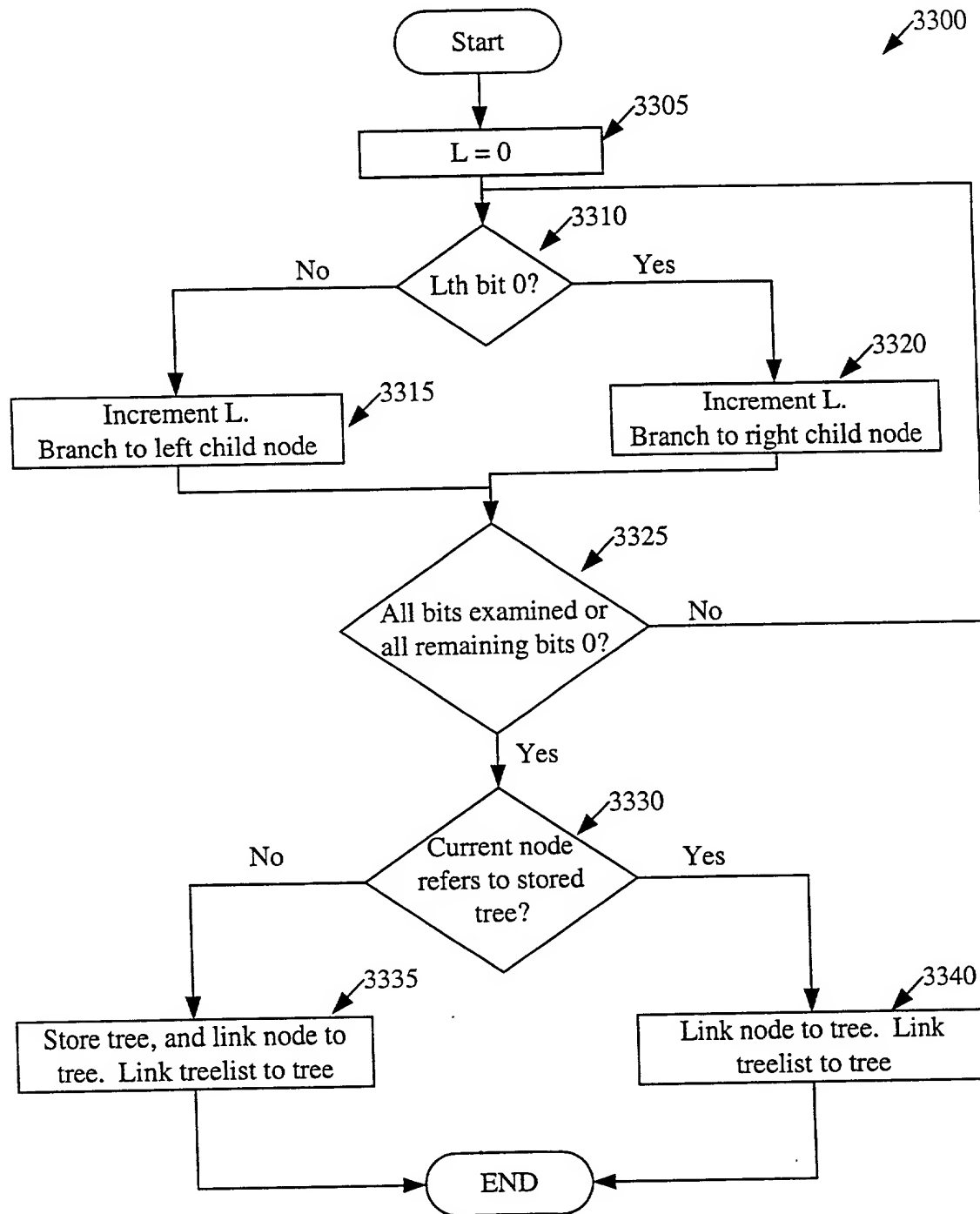


Figure 33

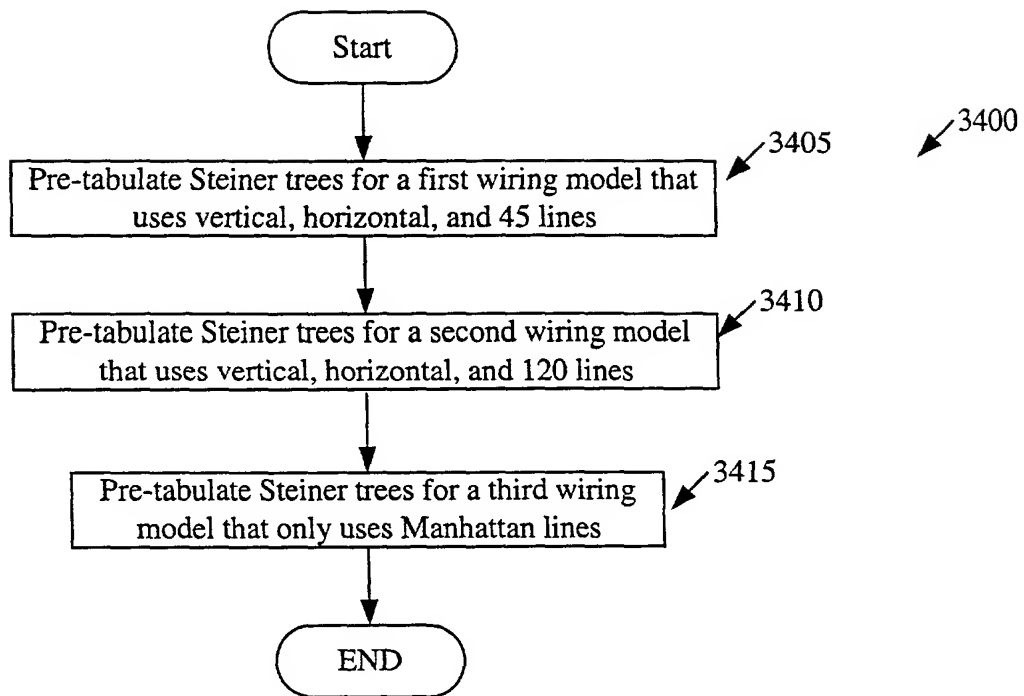


Figure 34

Figure 35A

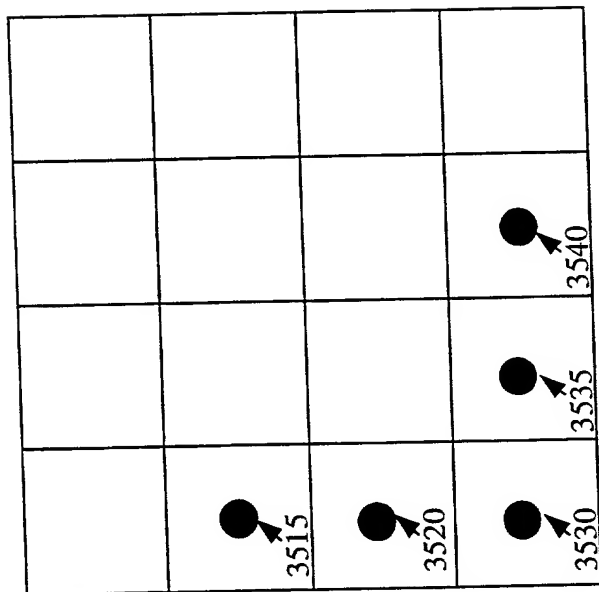
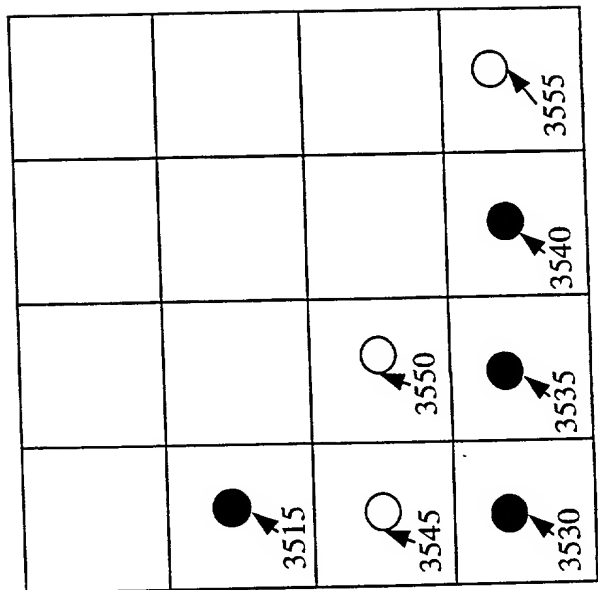


Figure 35B



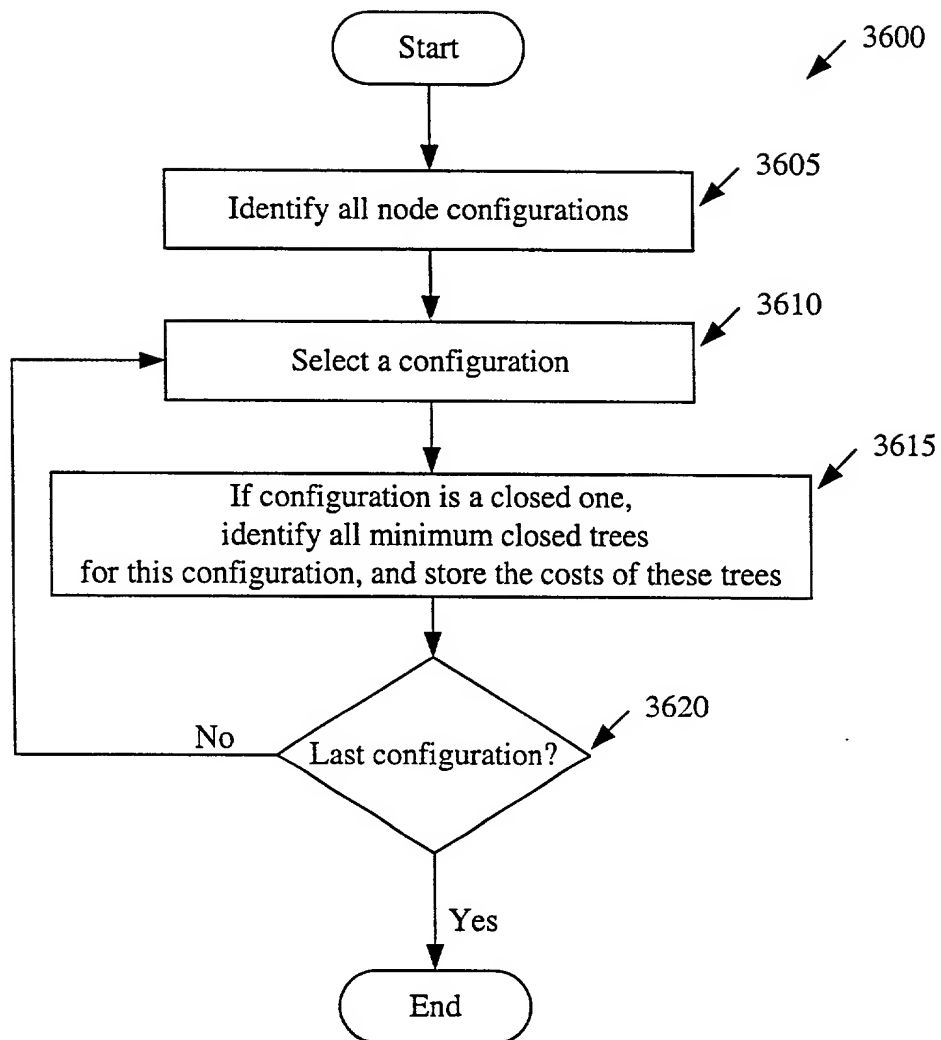


Figure 36

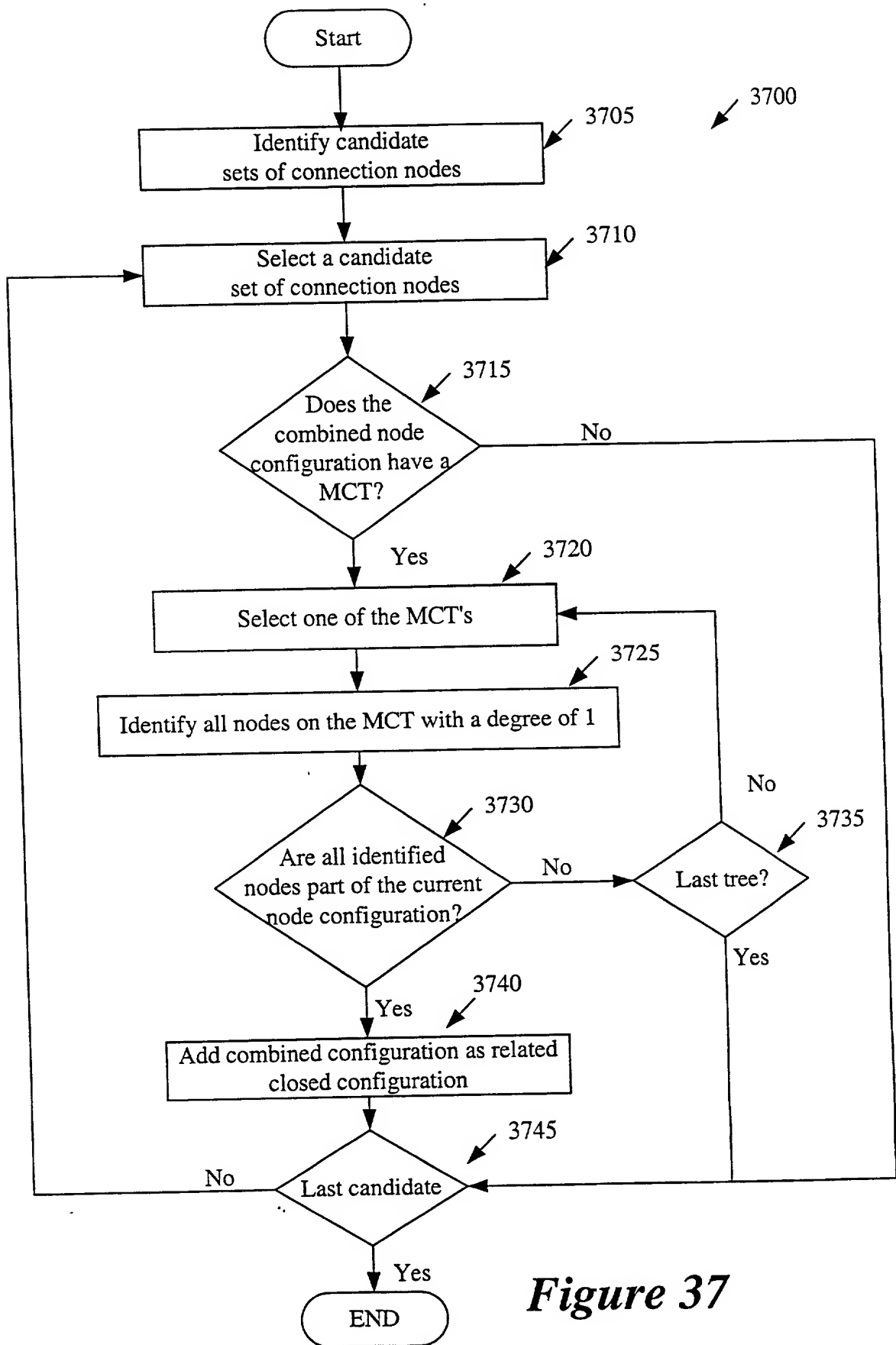


Figure 37

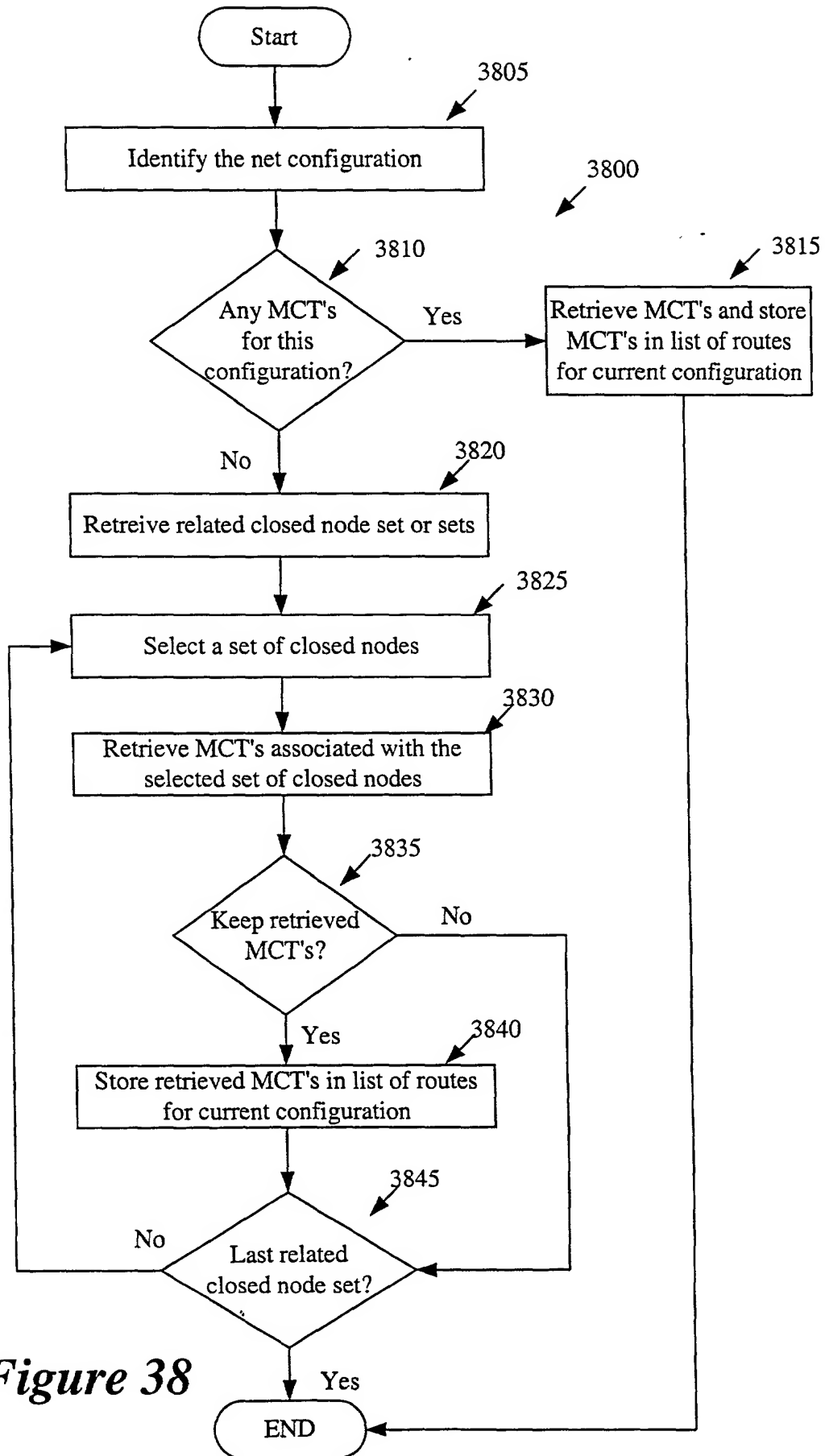


Figure 38

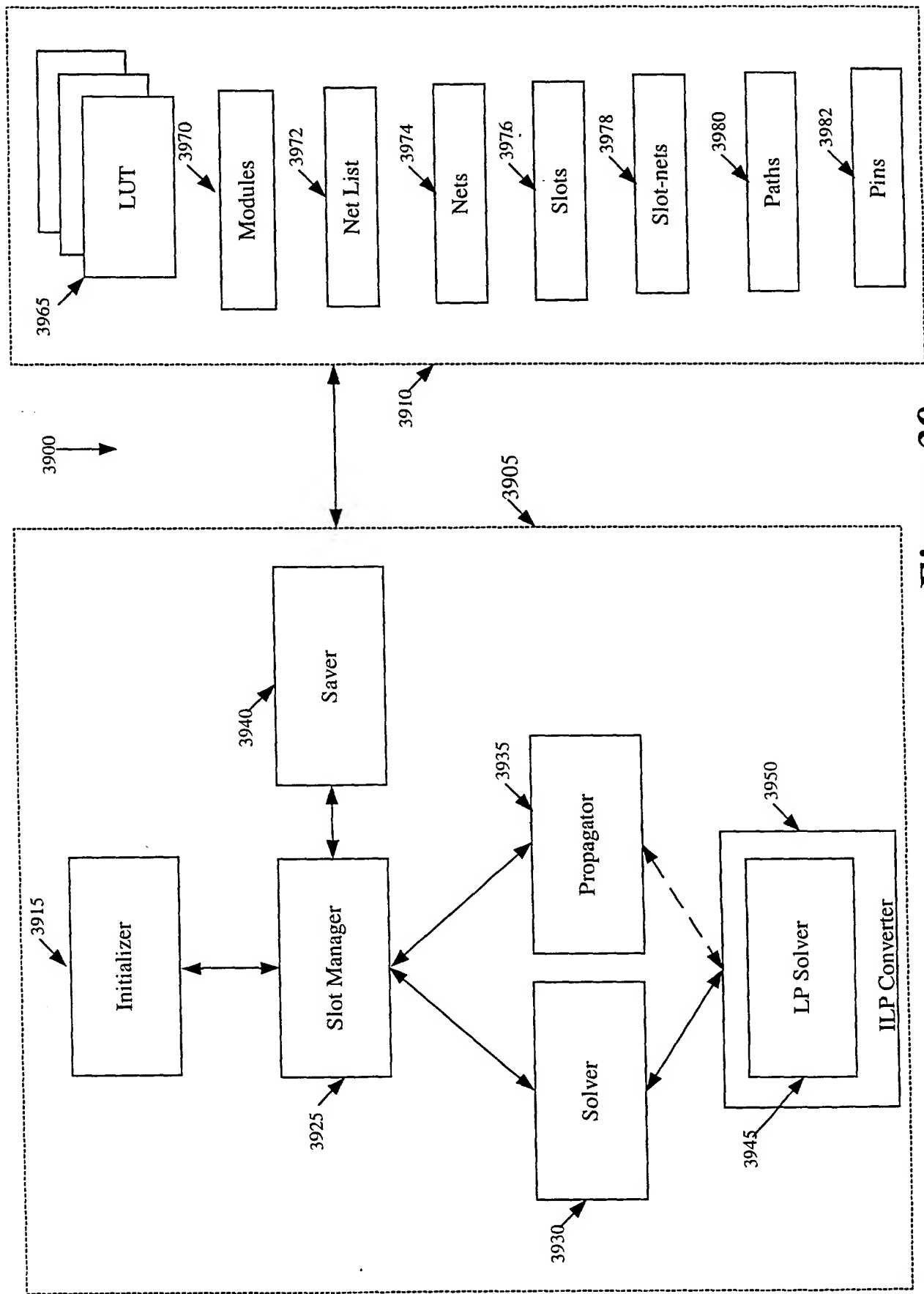


Figure 39

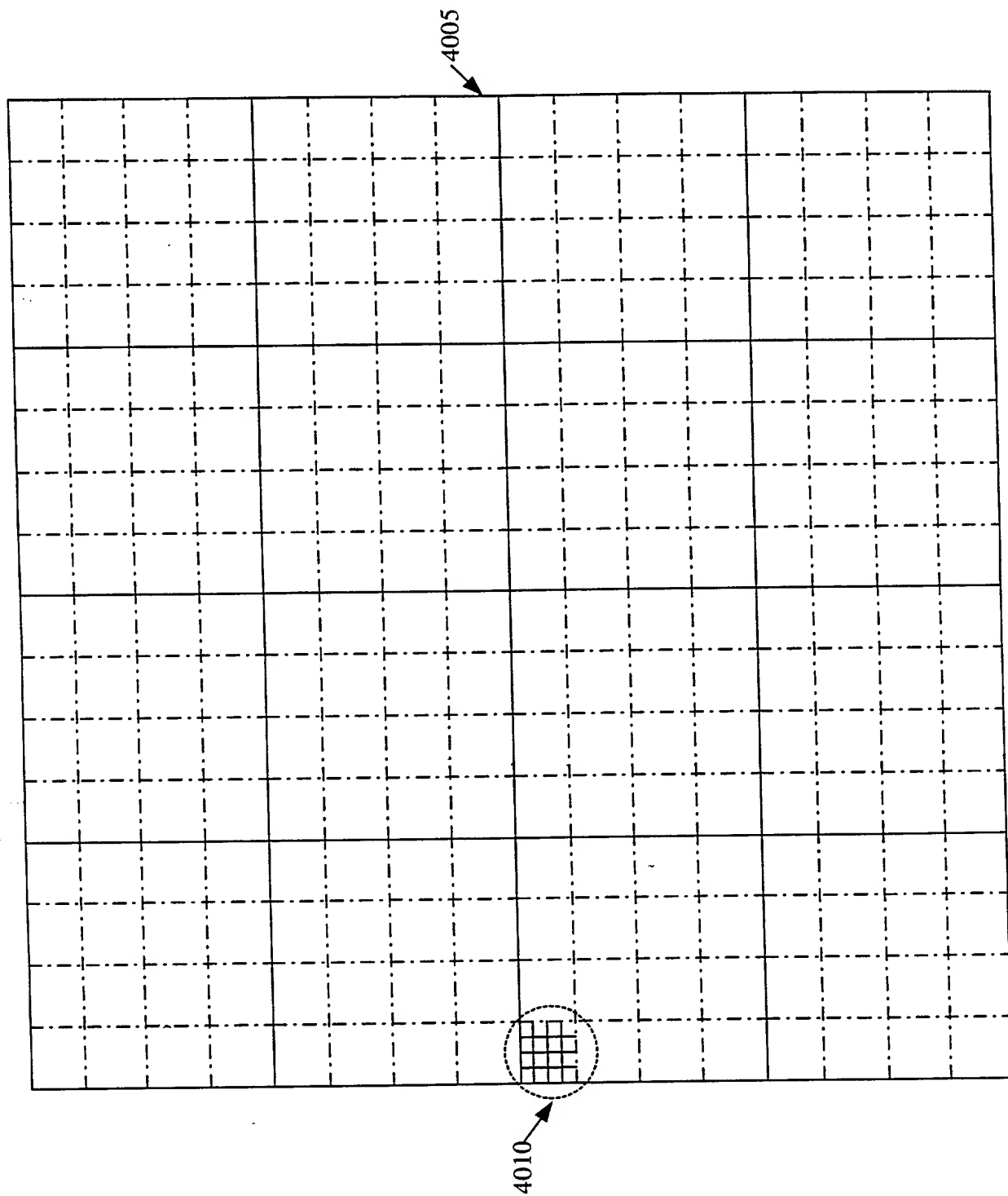


Figure 40

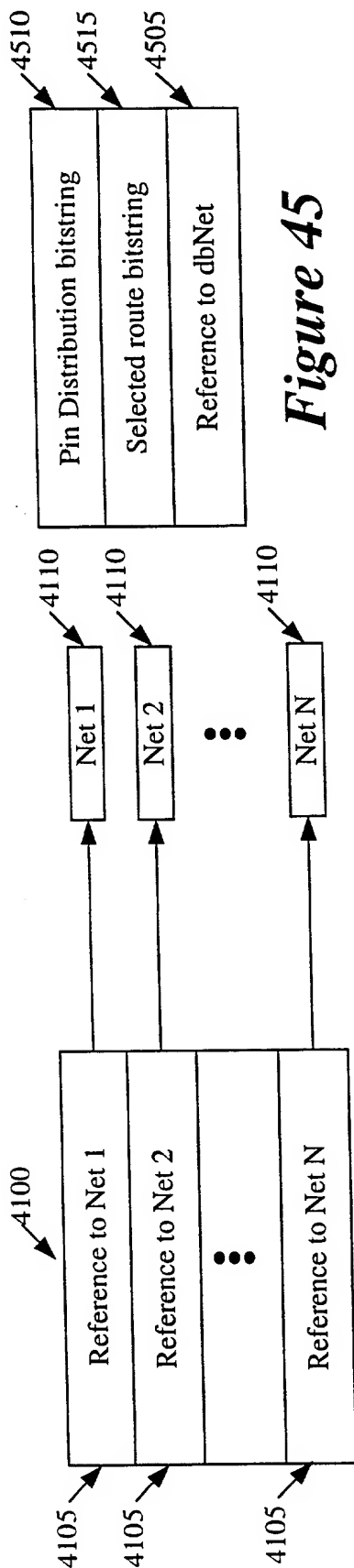


Figure 45

Pin Distribution bitstring	4510
Selected route bitstring	4515
Reference to dbNet	4505

Index	4110
Reference to Pin 1	4205
...	4210
Reference to Pin M	
Reference to Path 1	4220
...	
Reference to Path N	

Figure 42

Path type (H, V, E, W)	4405
Path Id (1-42)	4410
Reference to net	4415
Reference to first slot incident to the path	4420
Reference to second slot incident to the path	4420

Figure 44

Location	4300
----------	------

Figure 43

Name	8000
Reference to dbNet	
Child-slot identifier	
Length	
List of paths	

Figure 80

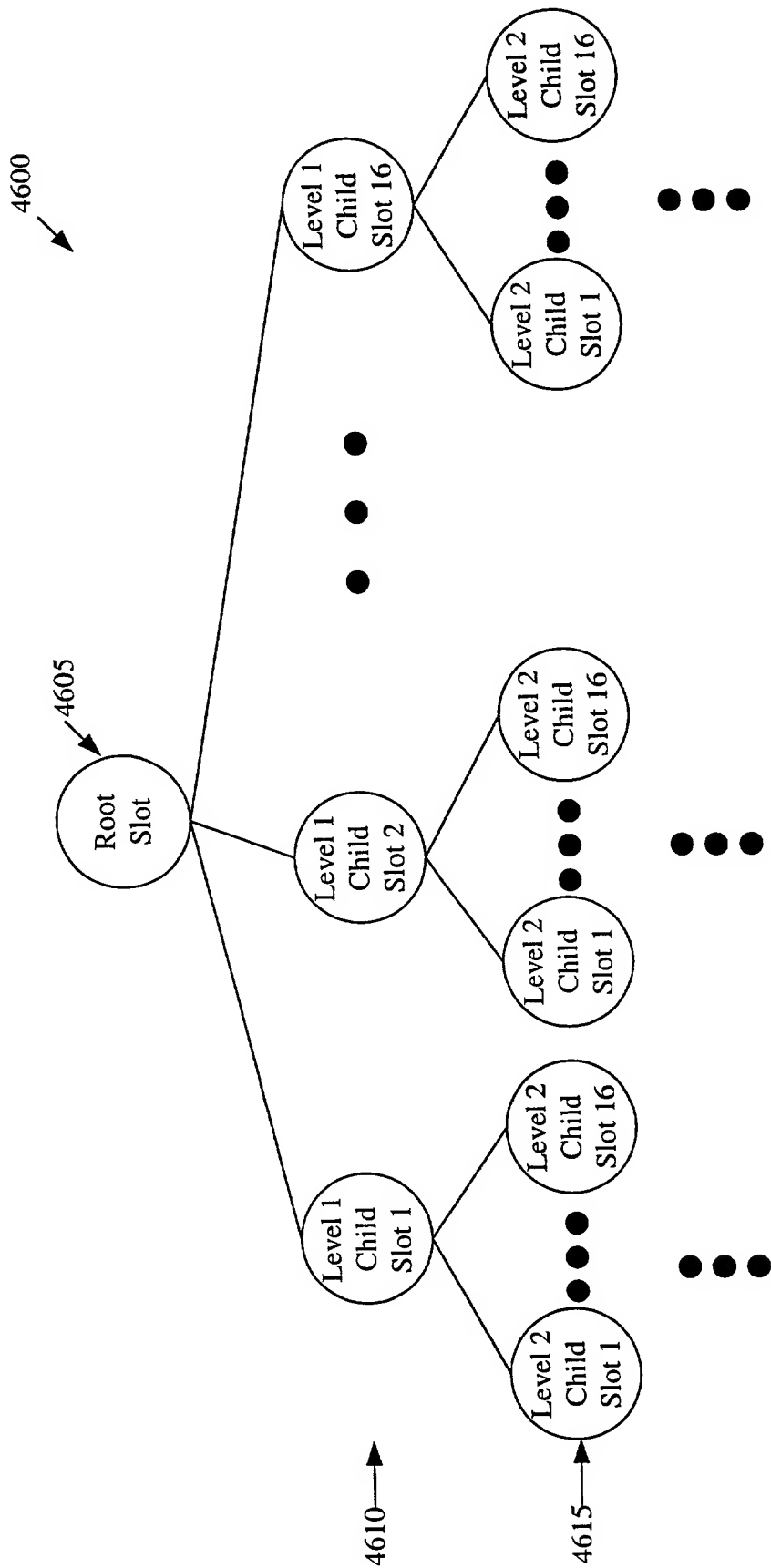


Figure 46

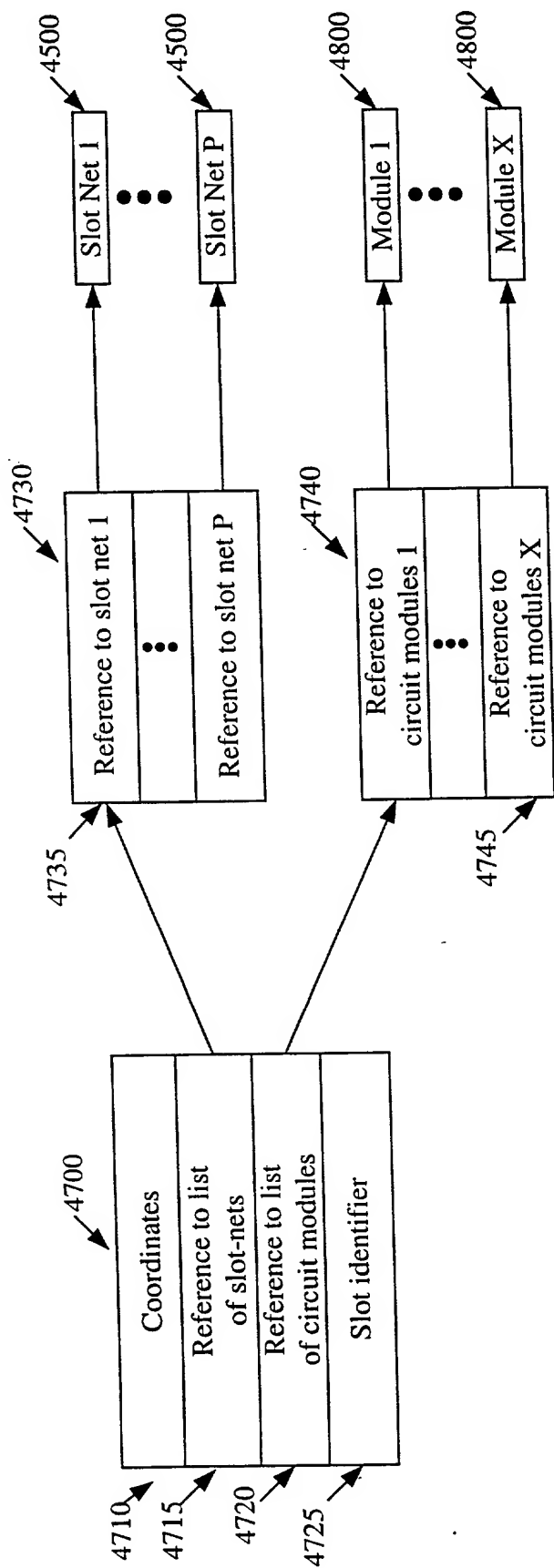


Figure 47

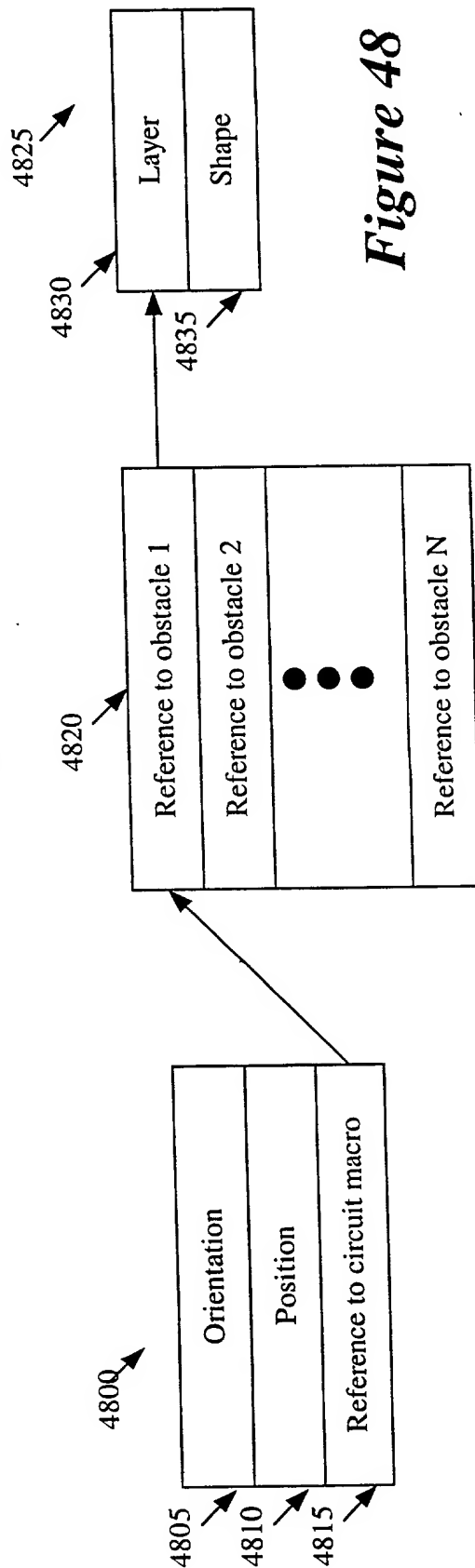


Figure 48

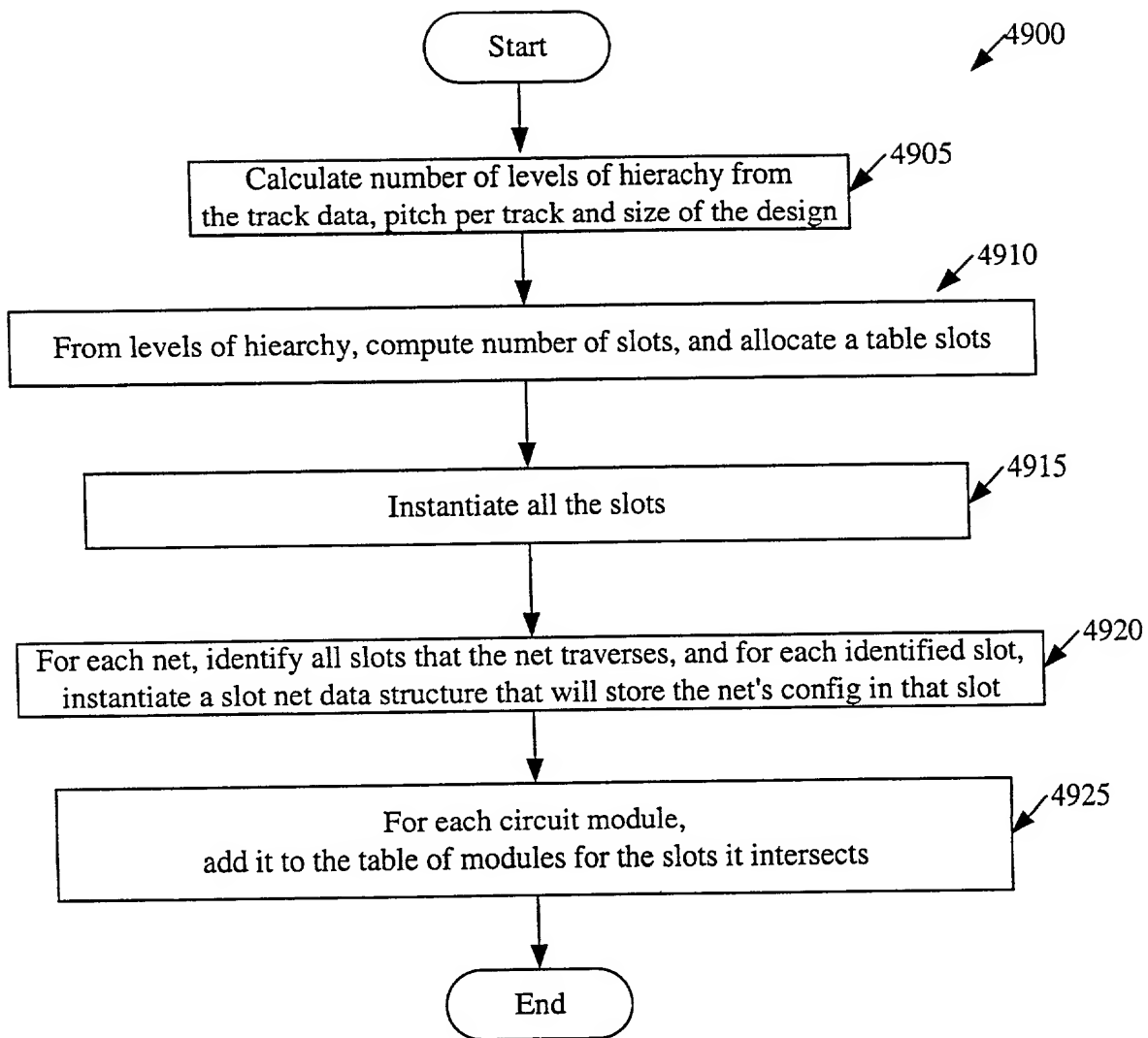


Figure 49

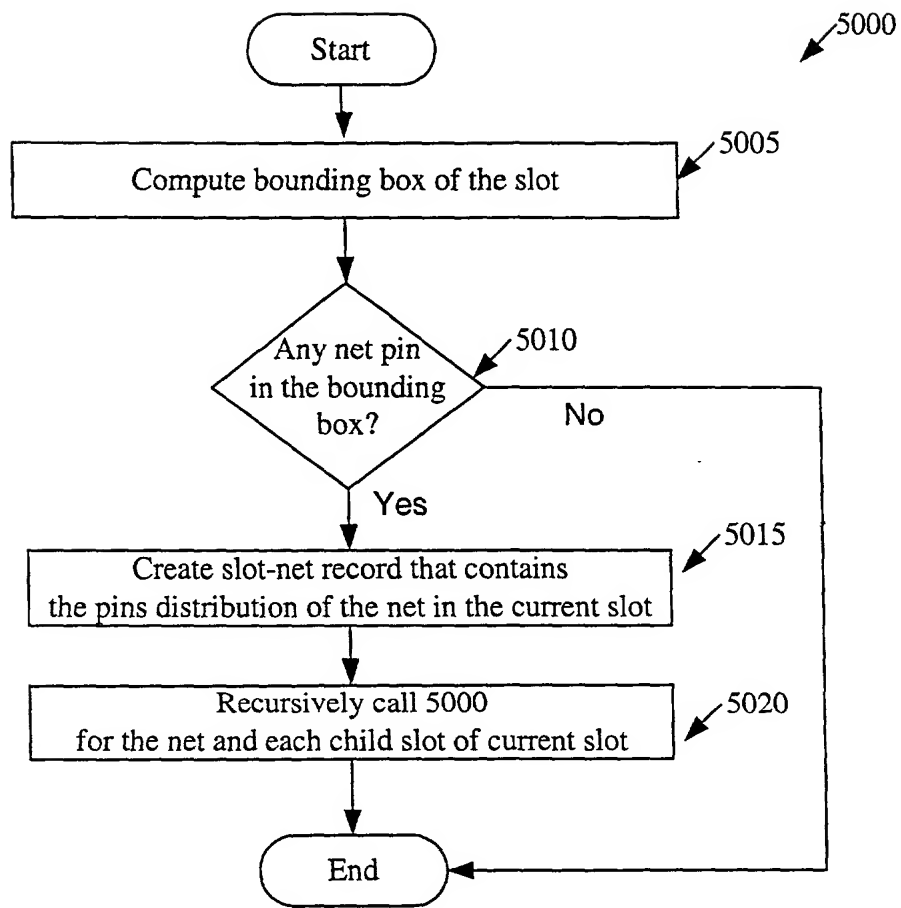


Figure 50

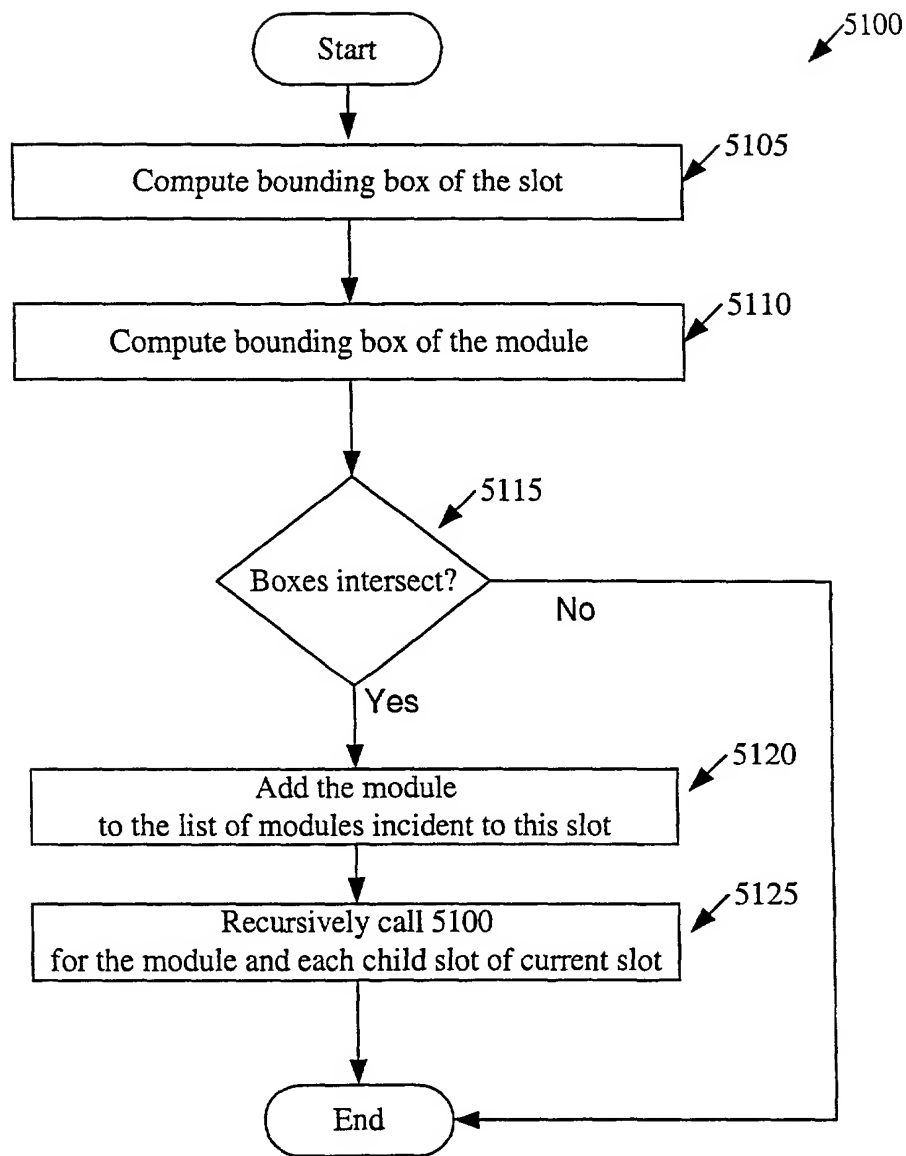


Figure 51

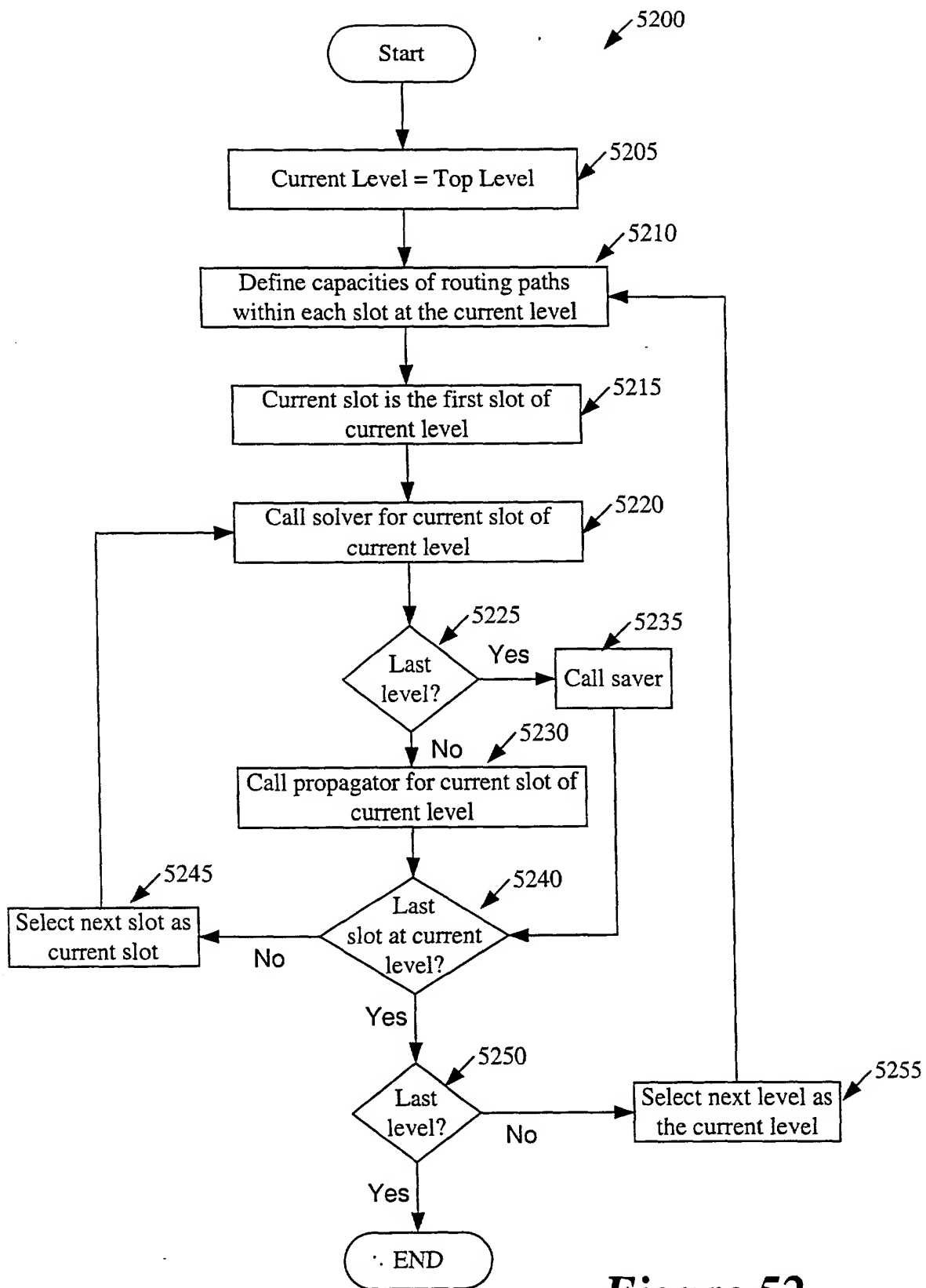


Figure 52

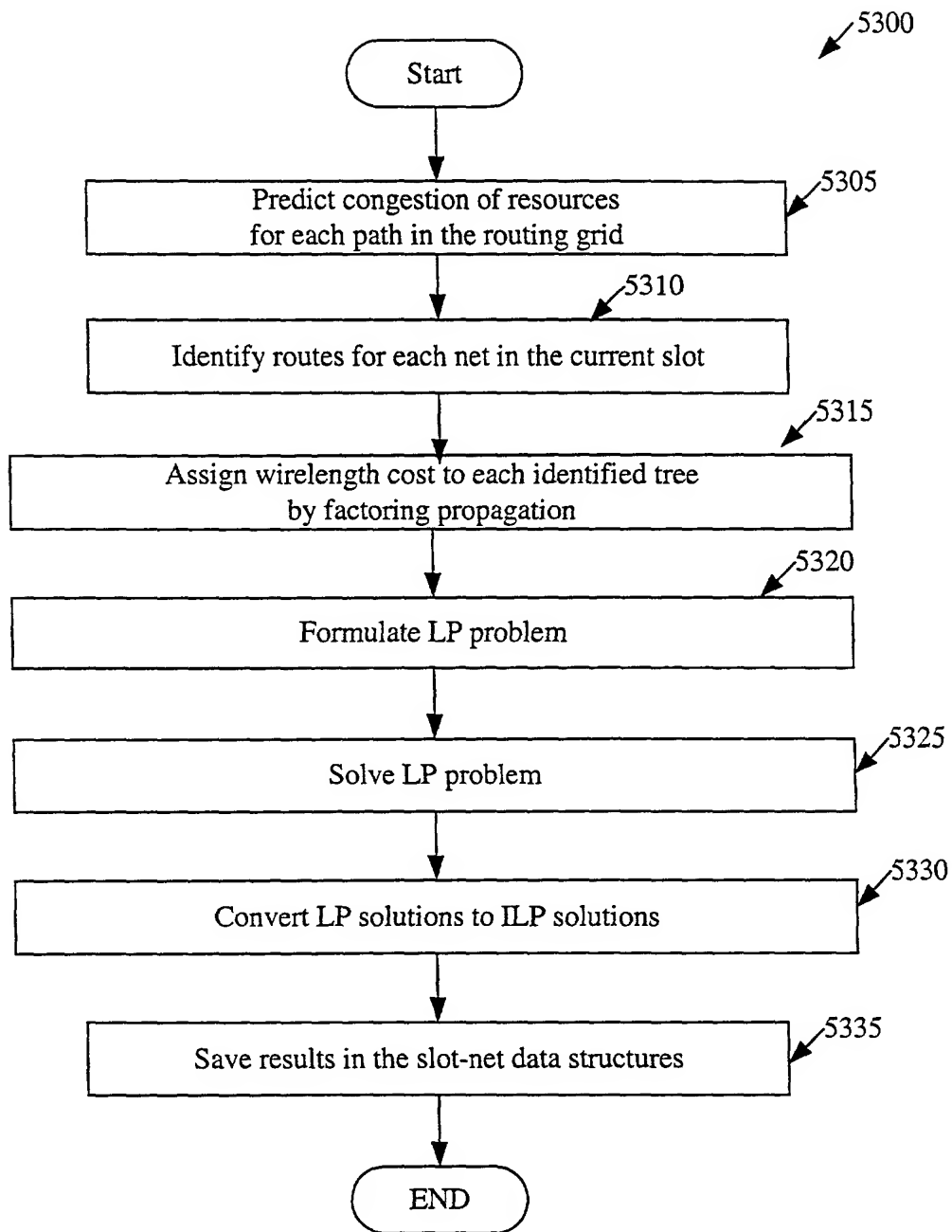


Figure 53

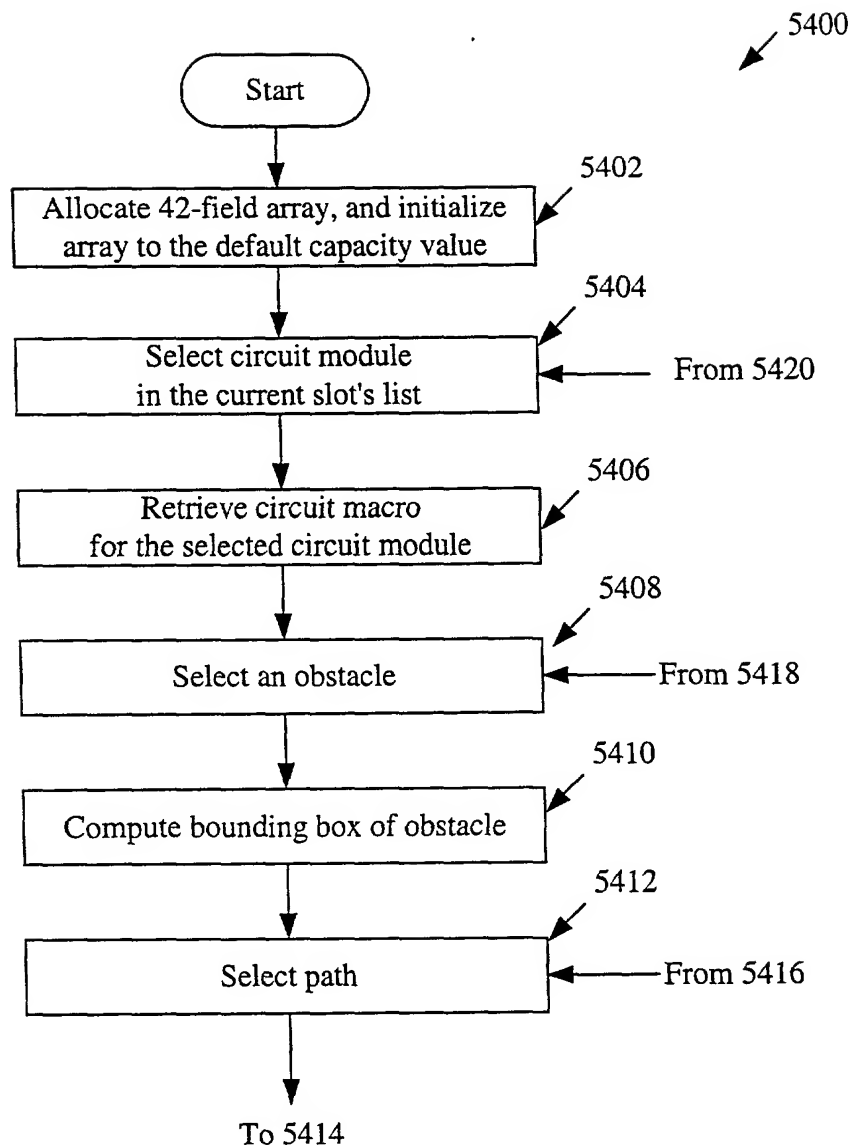


Figure 54A

Figure 54: Figure 54A
Figure 54B

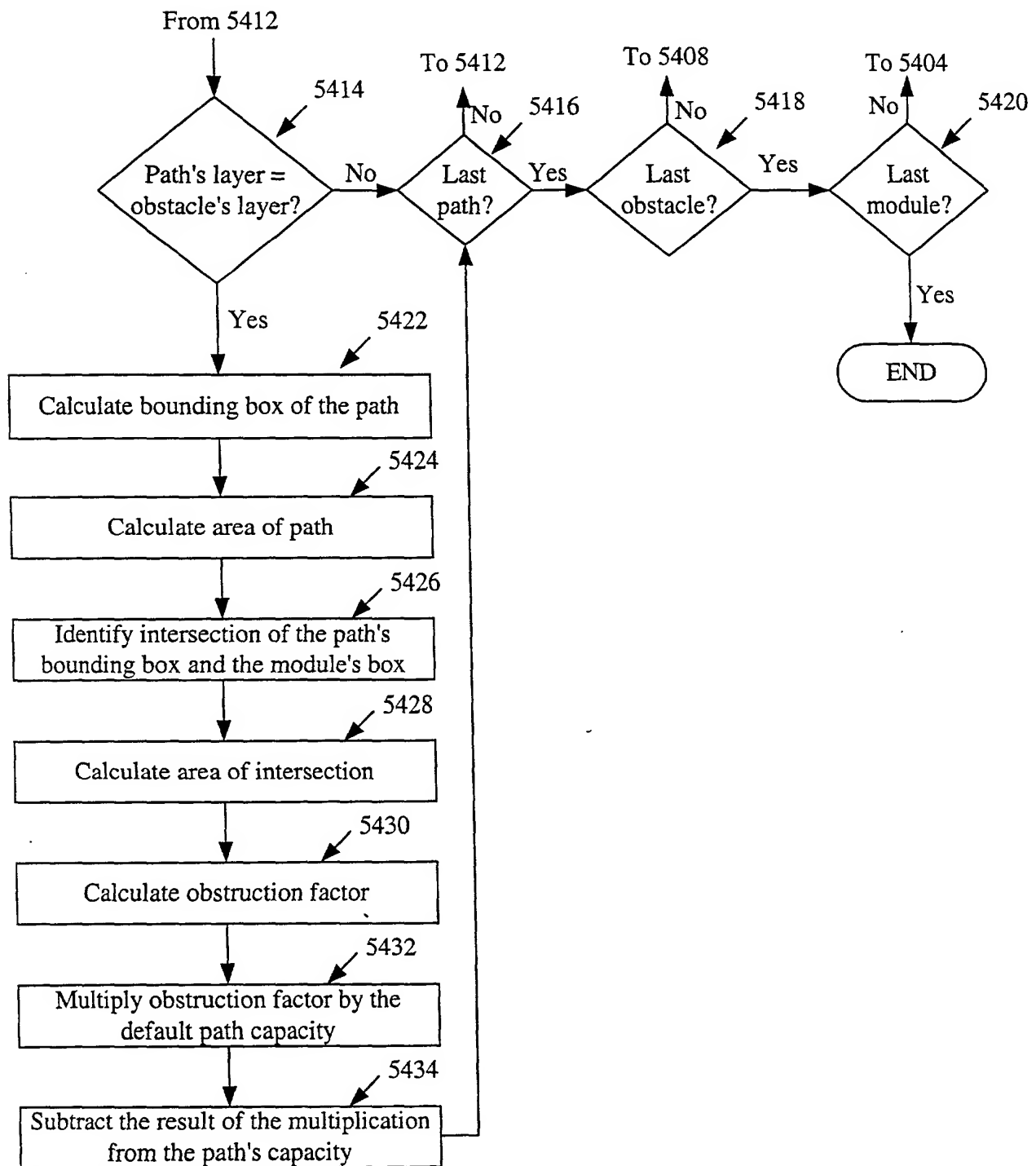


Figure 54B

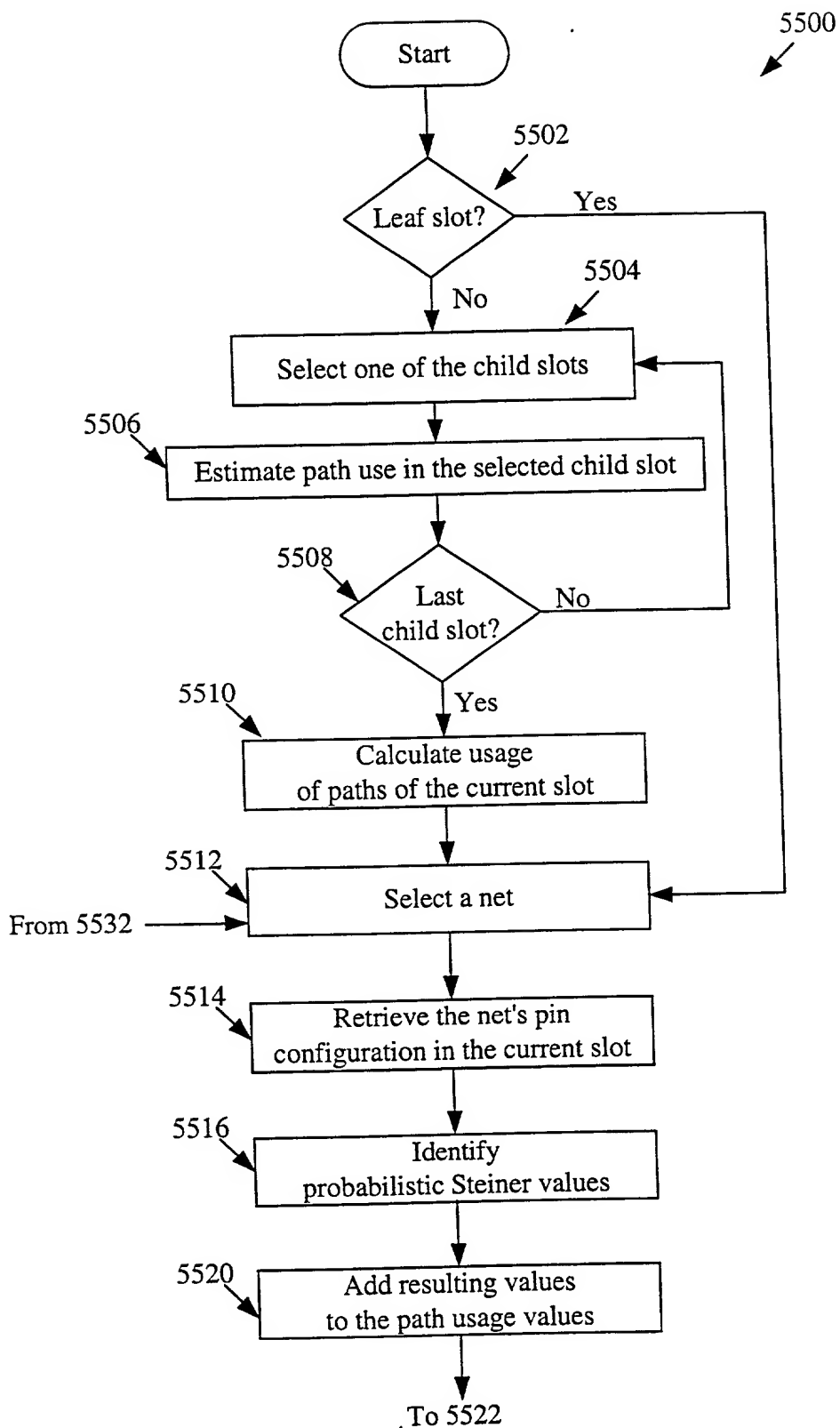


Figure 55A

Figure 55: Figure 55A
Figure 55B

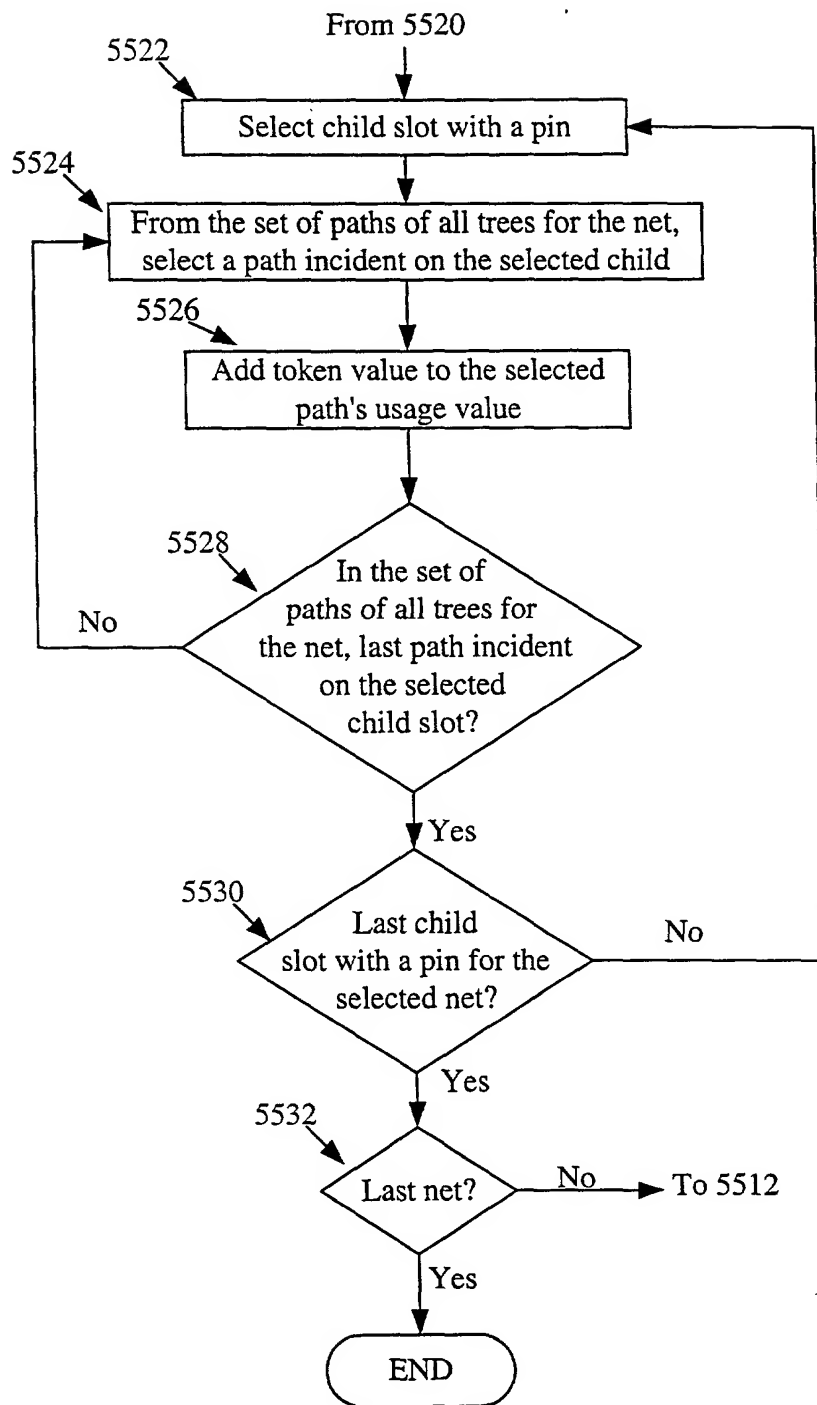


Figure 55B

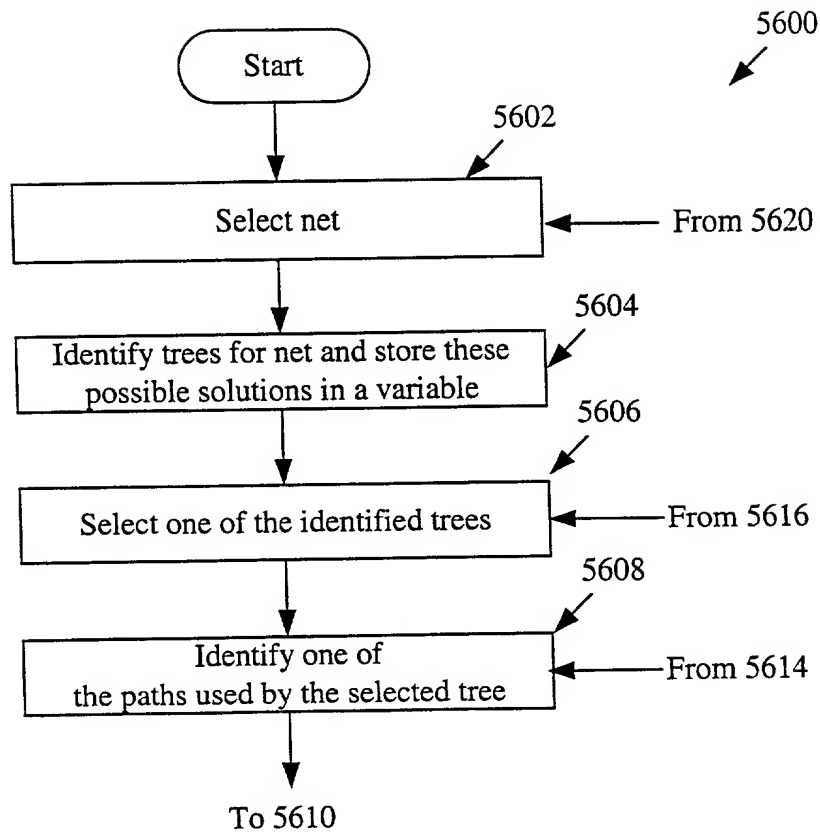


Figure 56A

Figure 56: Figure 56A
Figure 56B
Figure 56C
Figure 56D

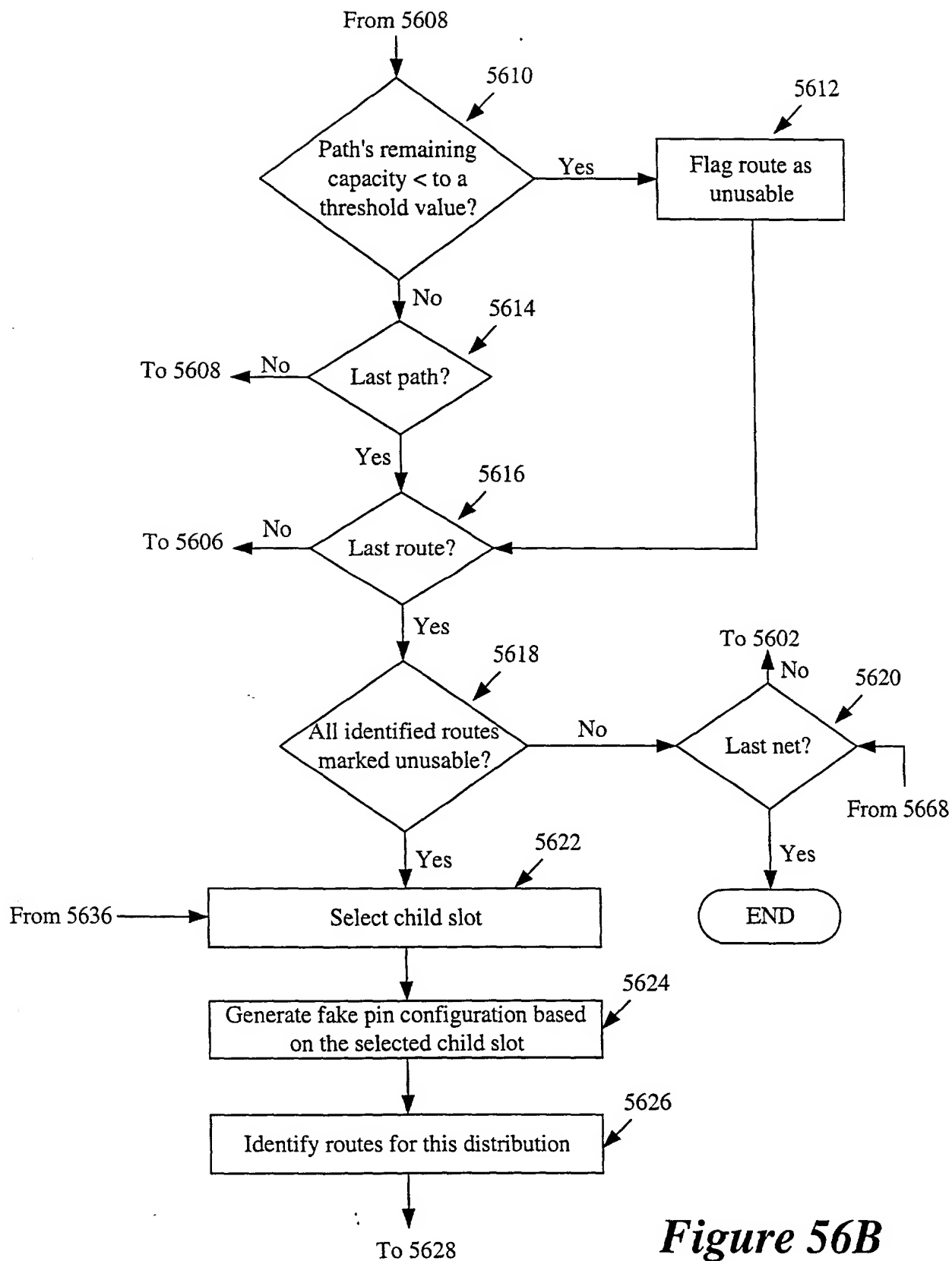


Figure 56B

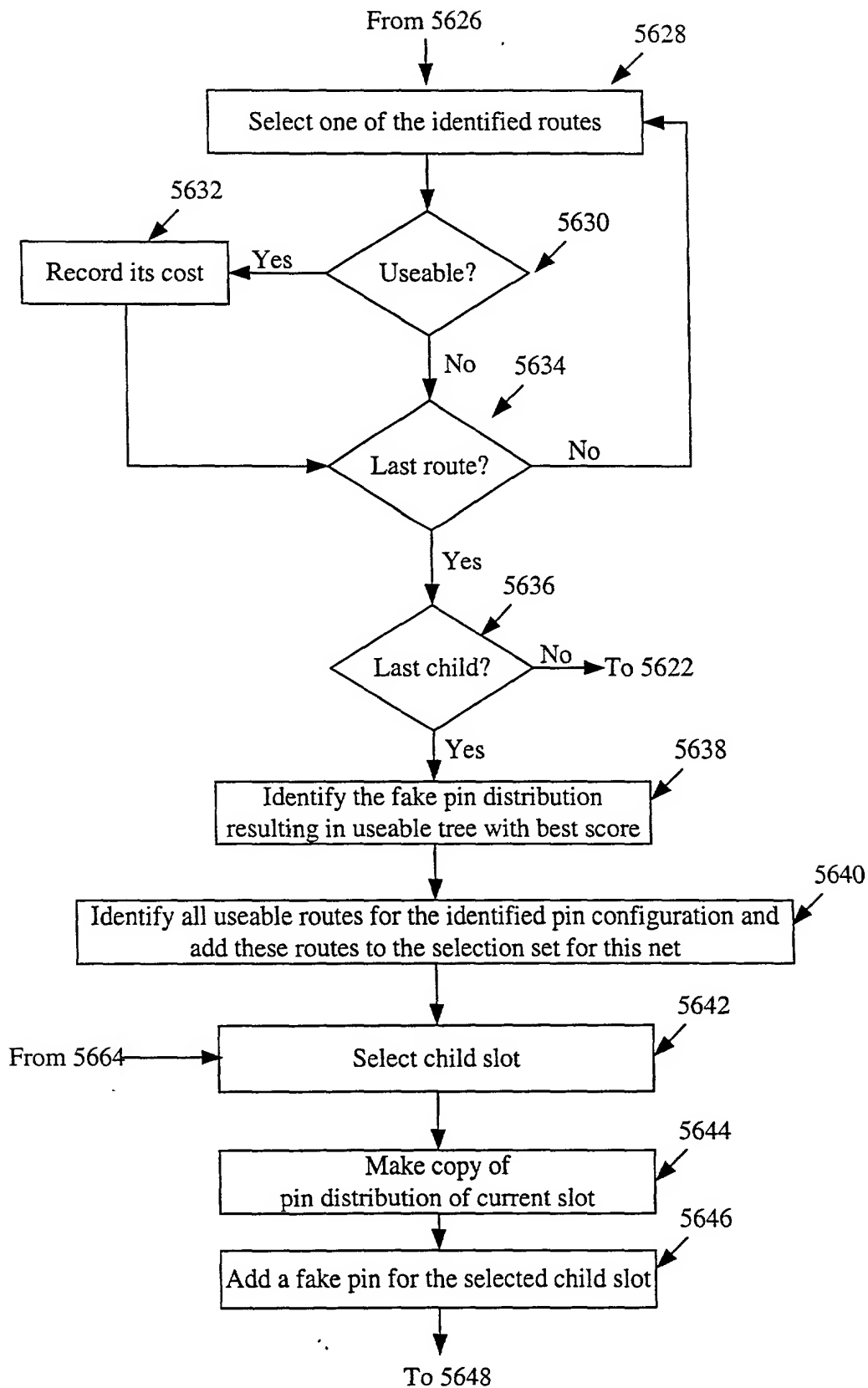


Figure 56C

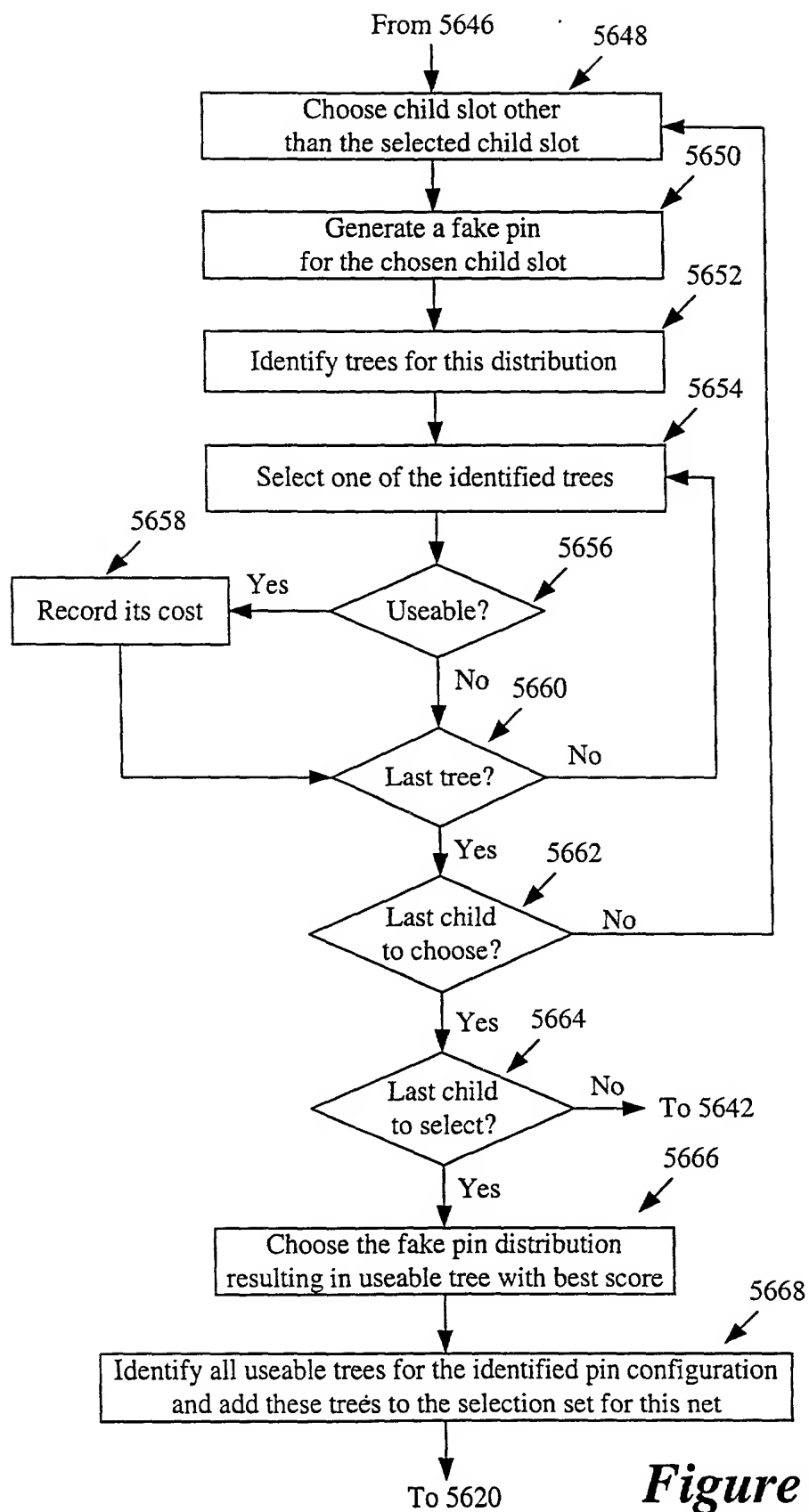


Figure 56D

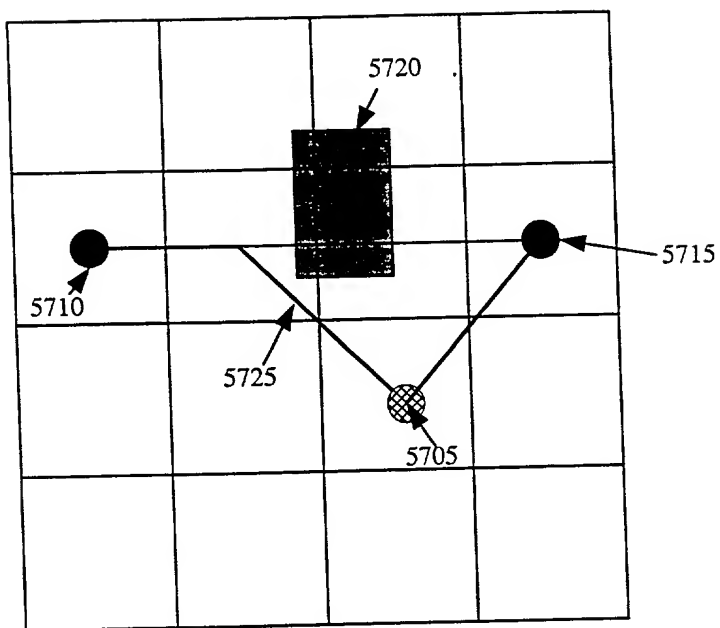


Figure 57

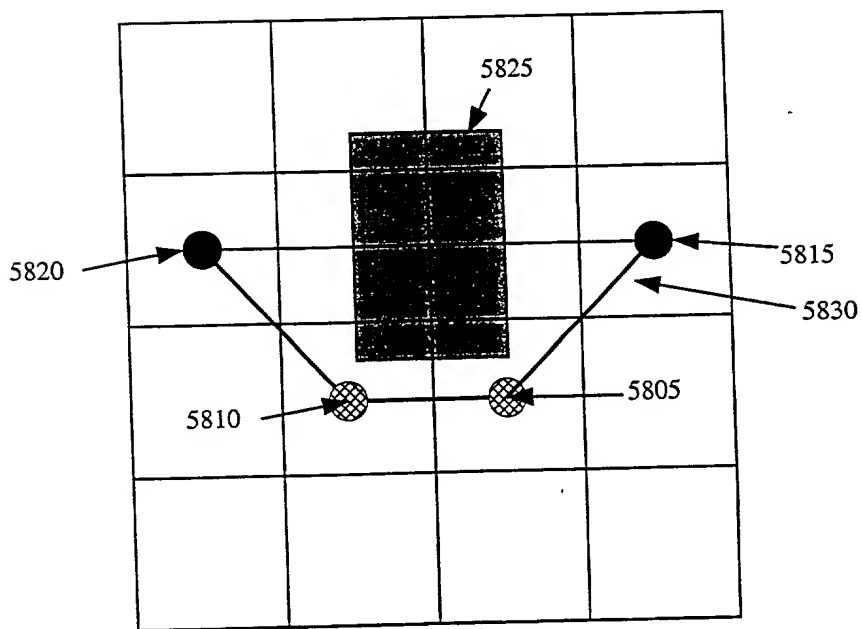


Figure 58

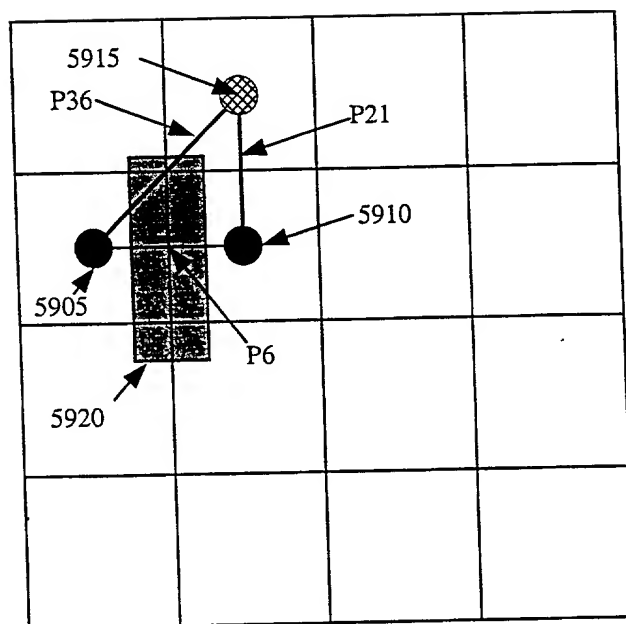


Figure 59

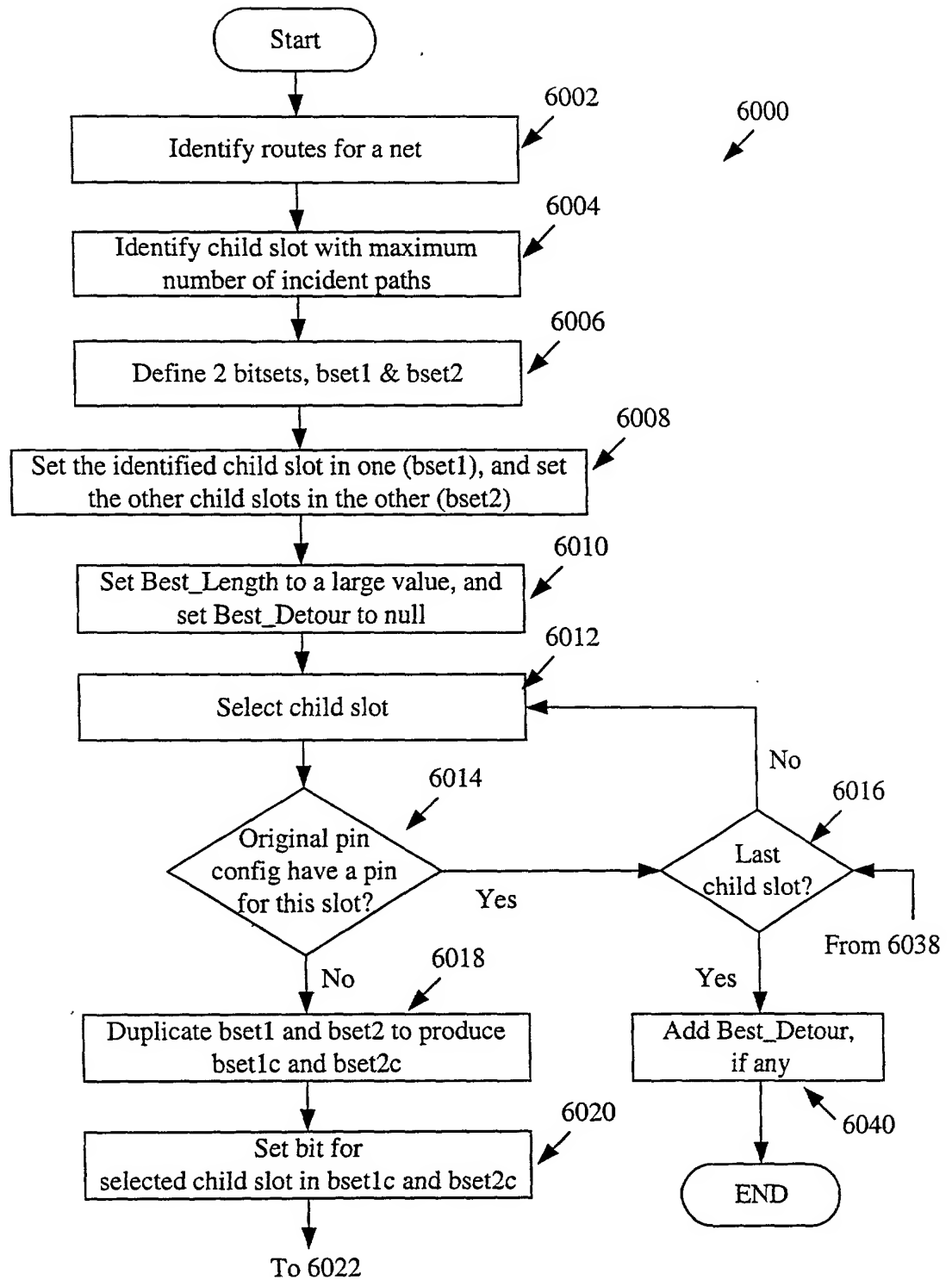


Figure 60A

Figure 60: Figure 60A
Figure 60B

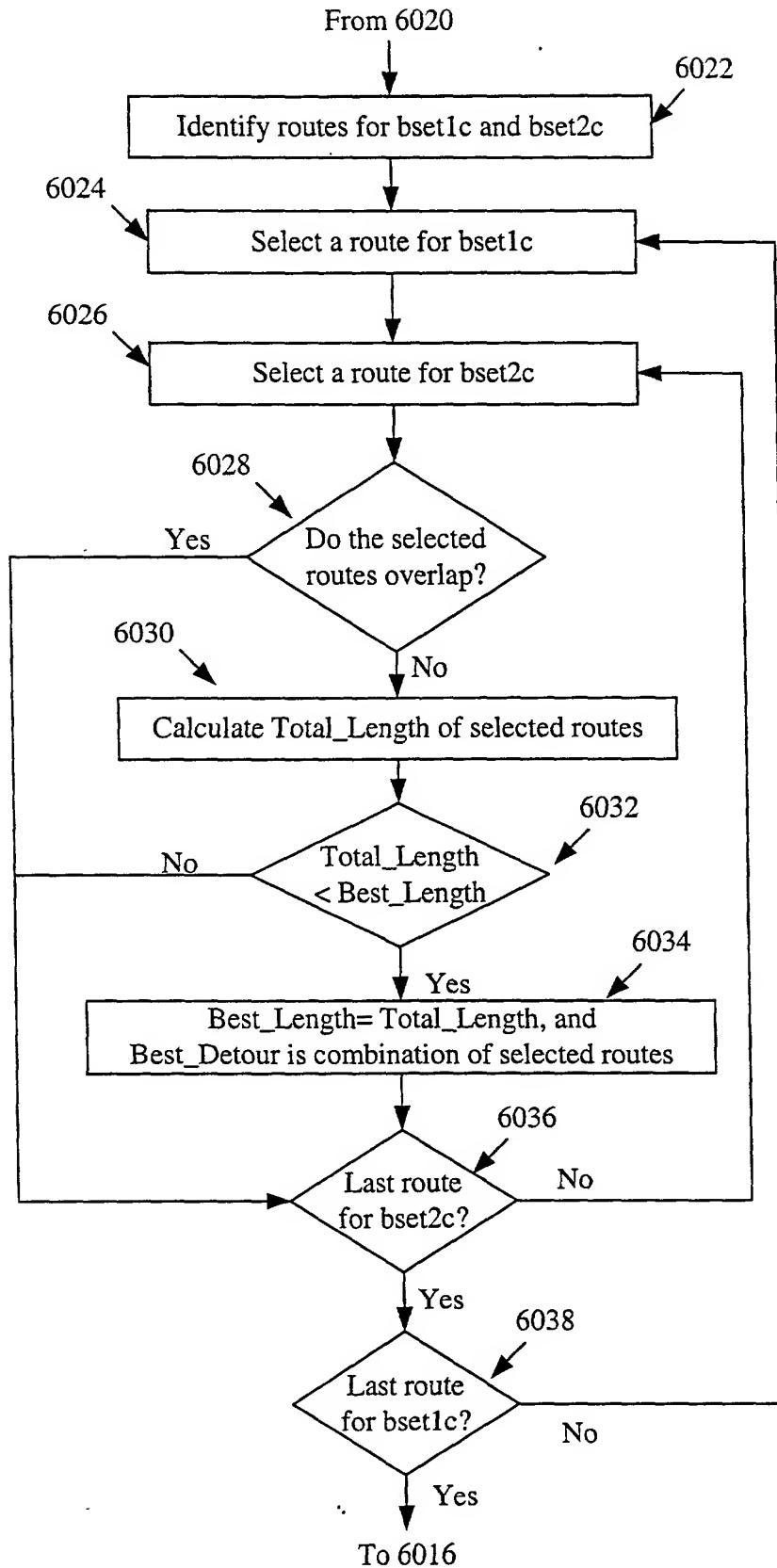


Figure 60B

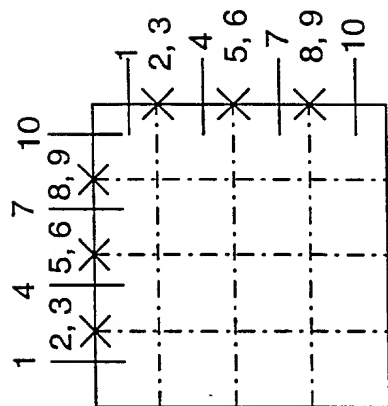


Figure 61

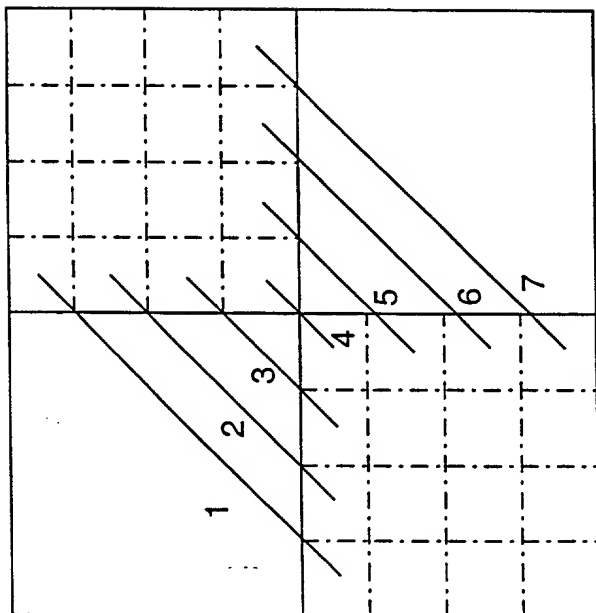


Figure 62

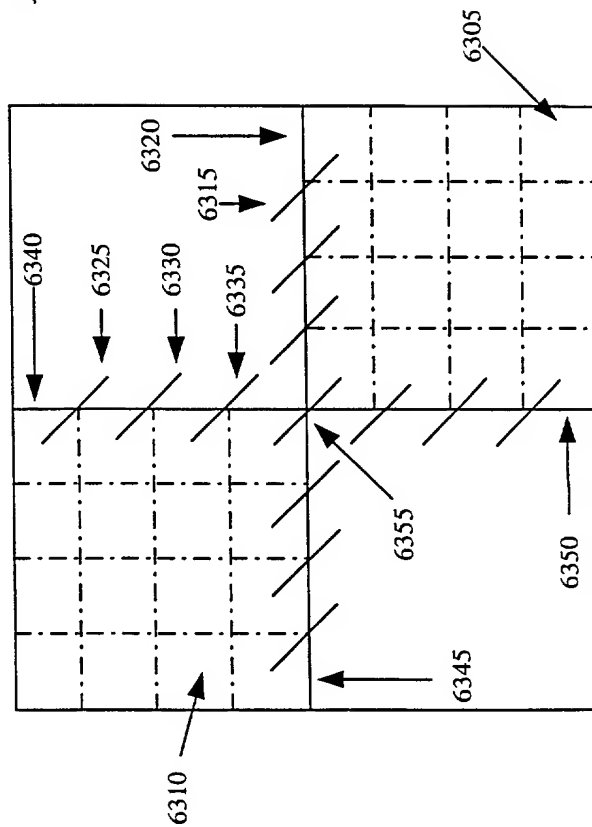


Figure 63

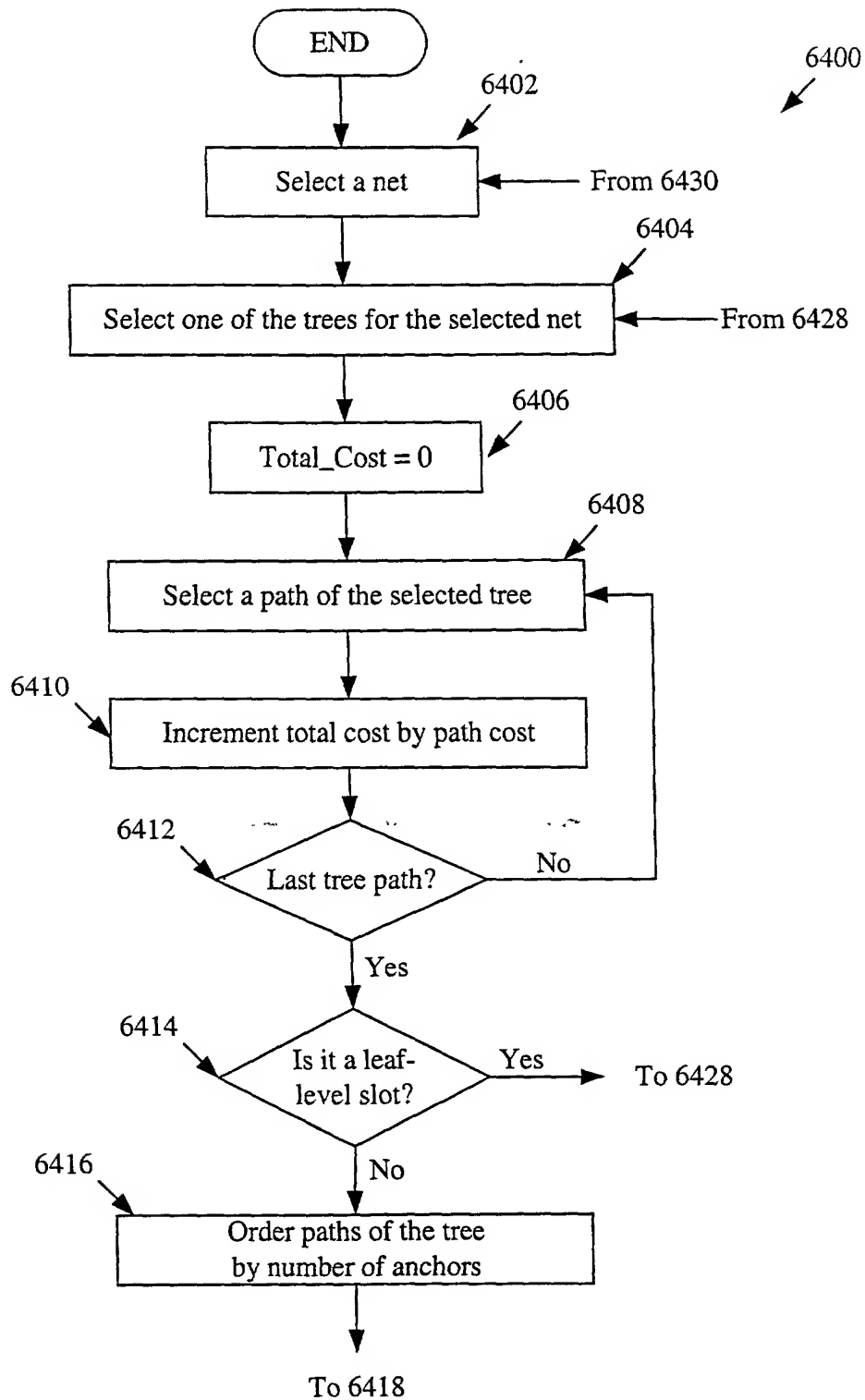


Figure 64A

Figure 64: Figure 64A
Figure 64B

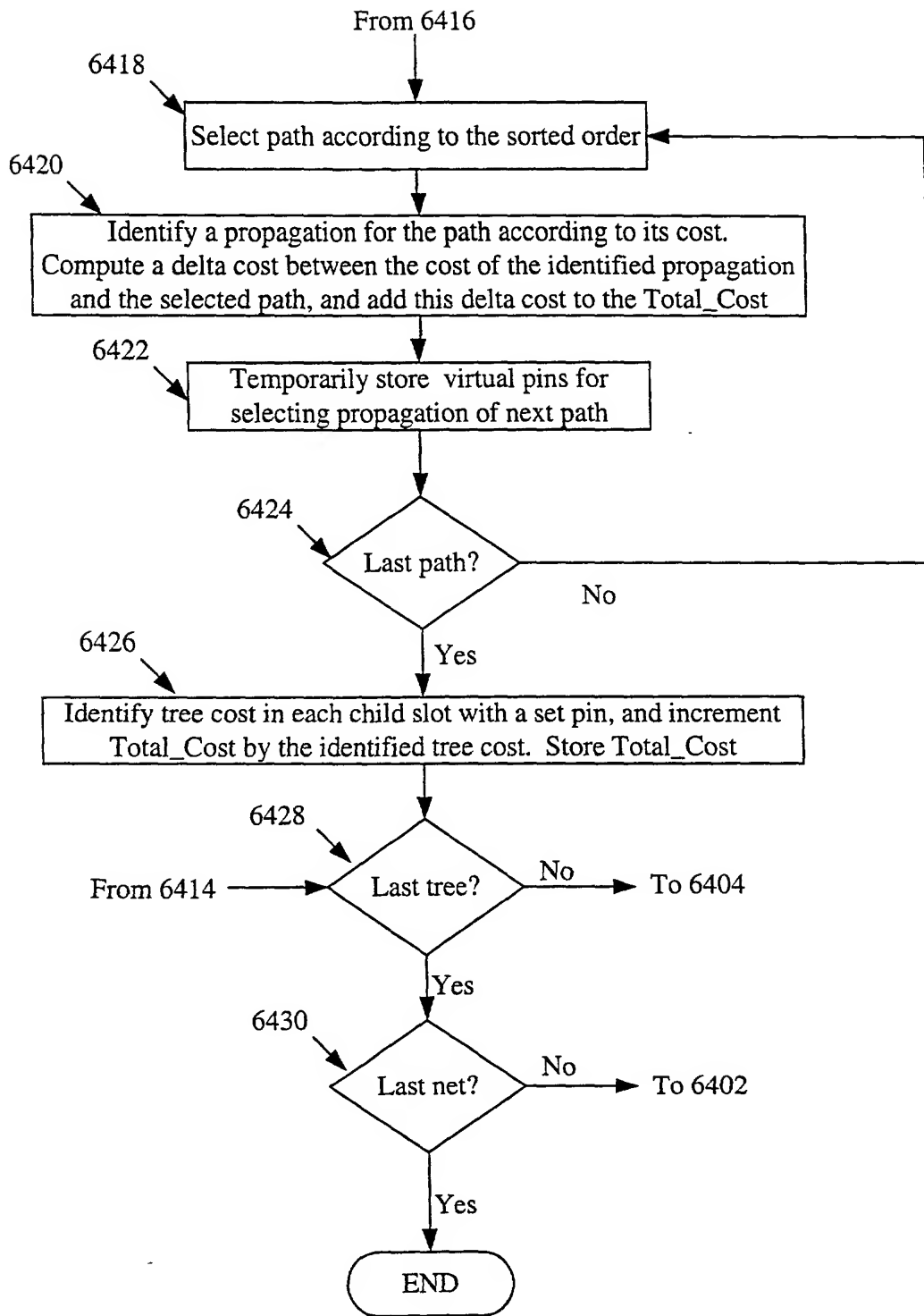


Figure 64B

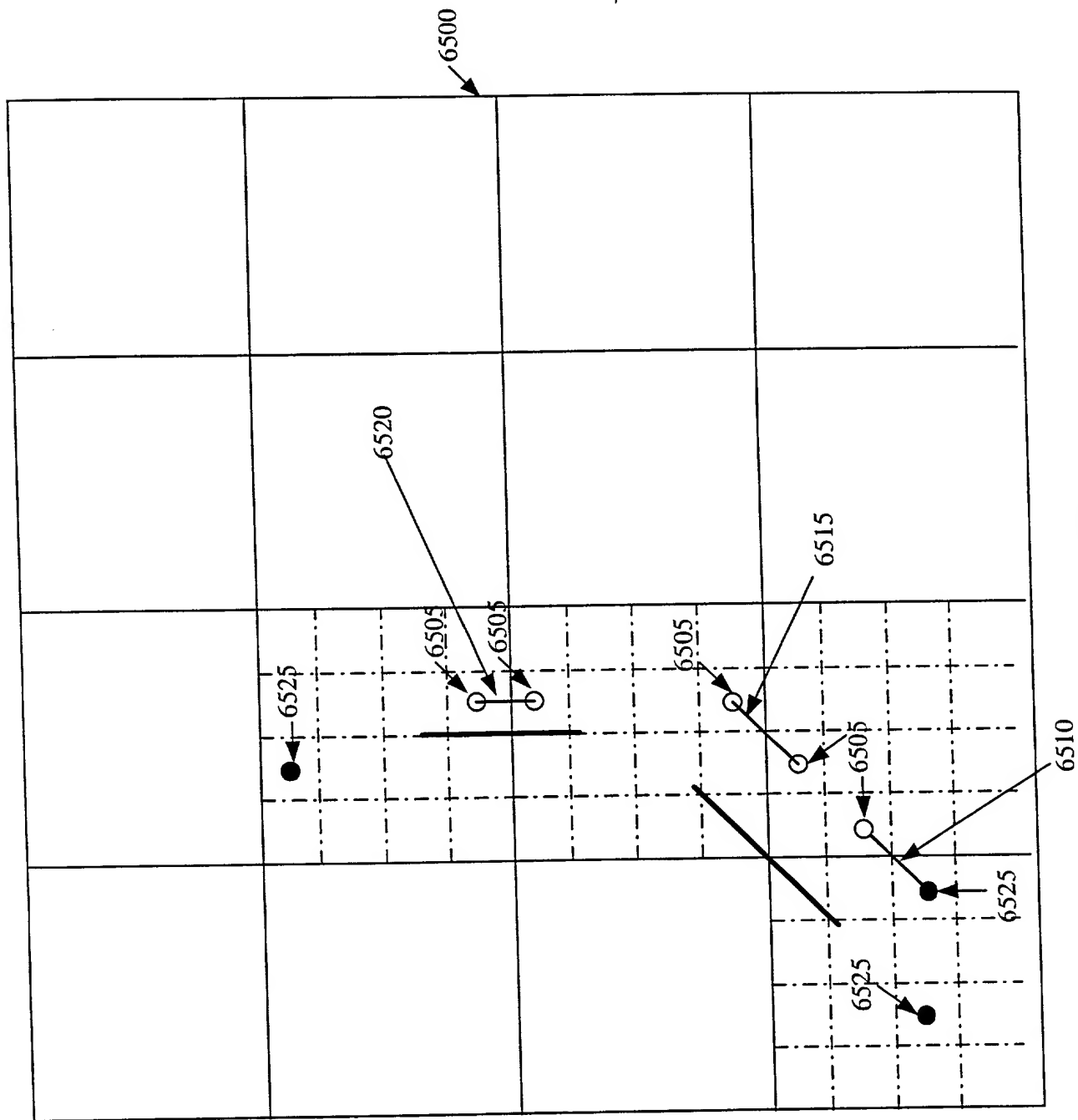


Figure 65

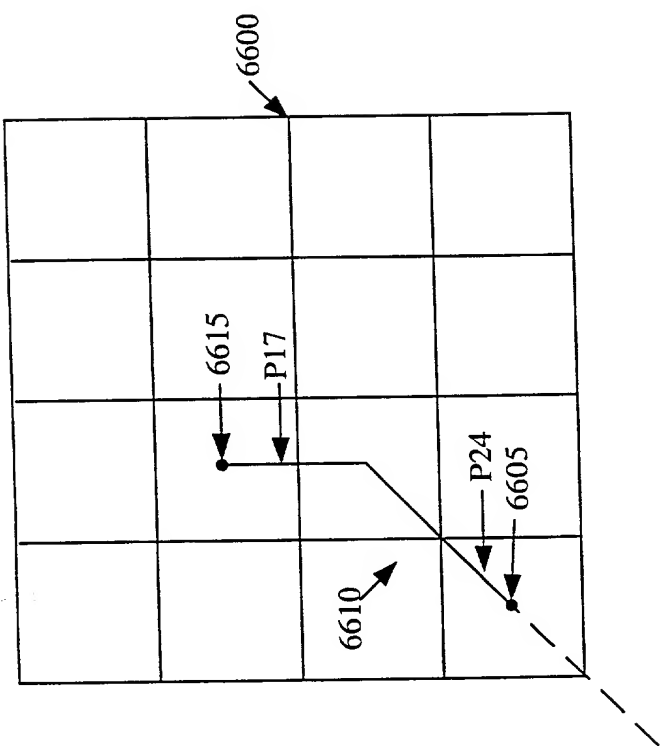


Figure 66

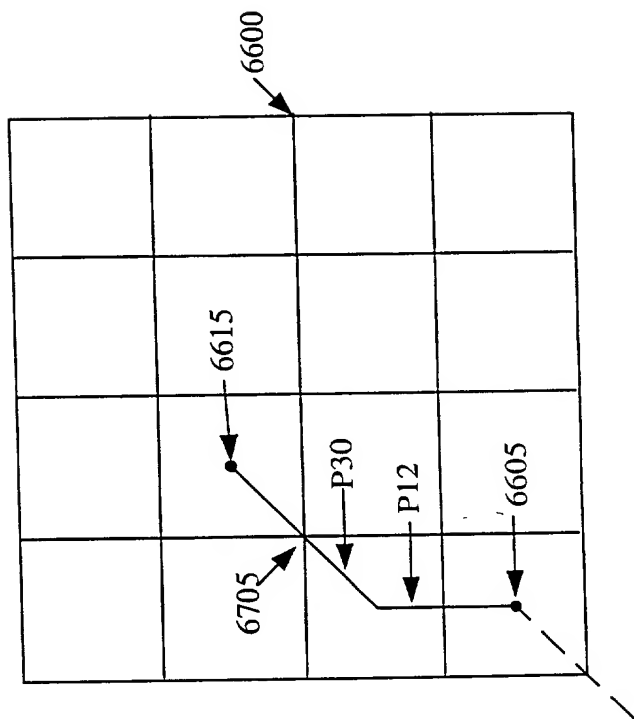


Figure 67

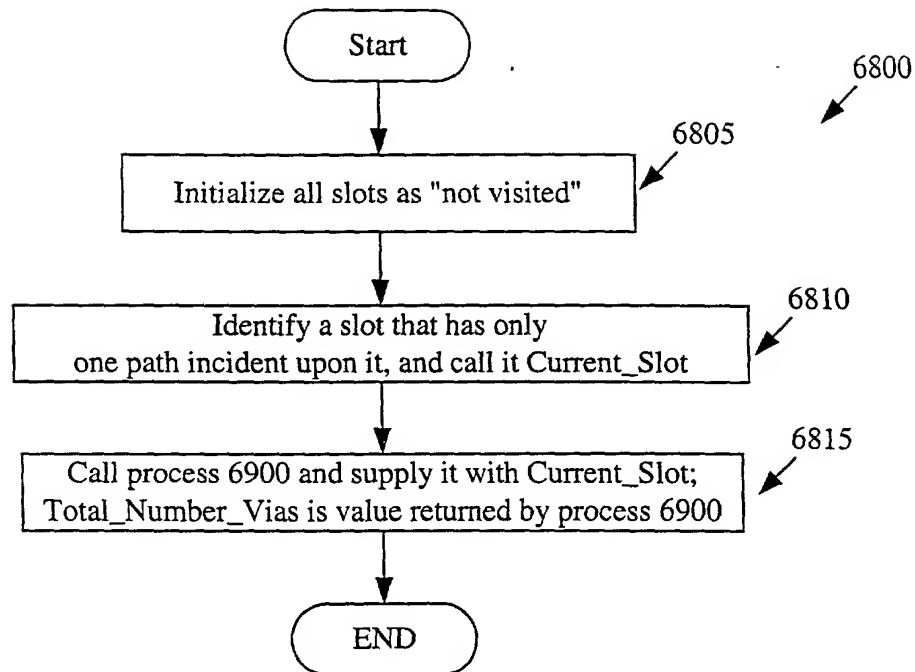


Figure 68

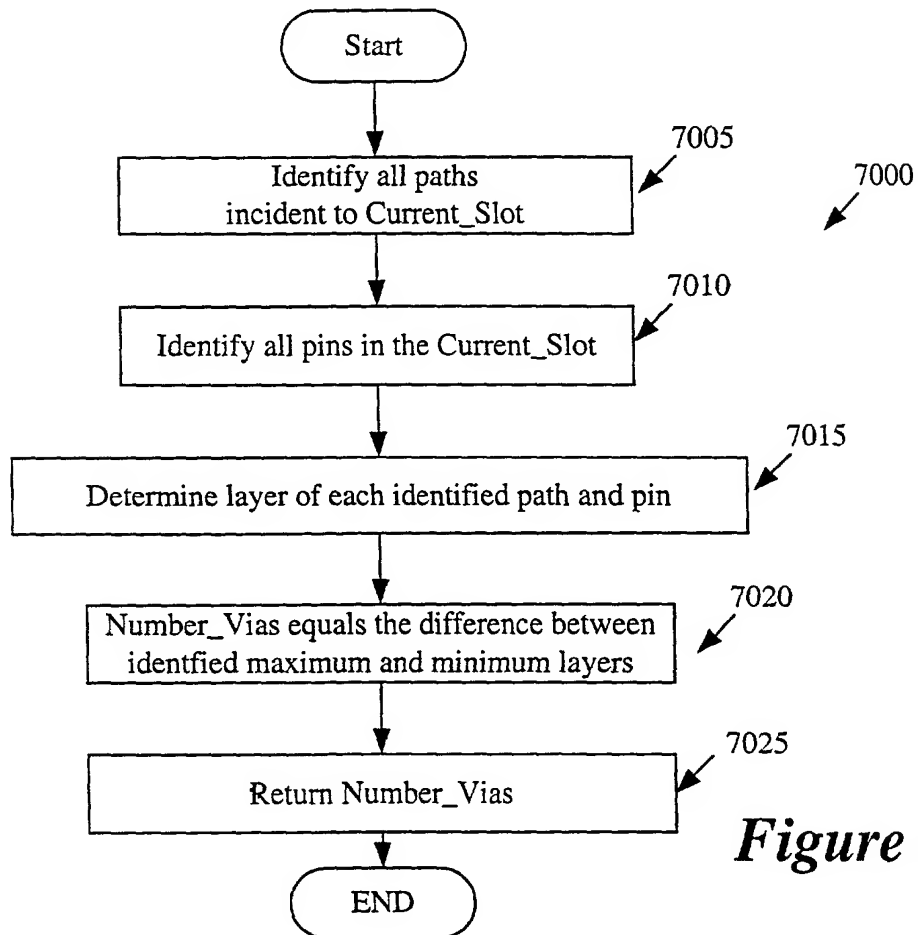


Figure 70

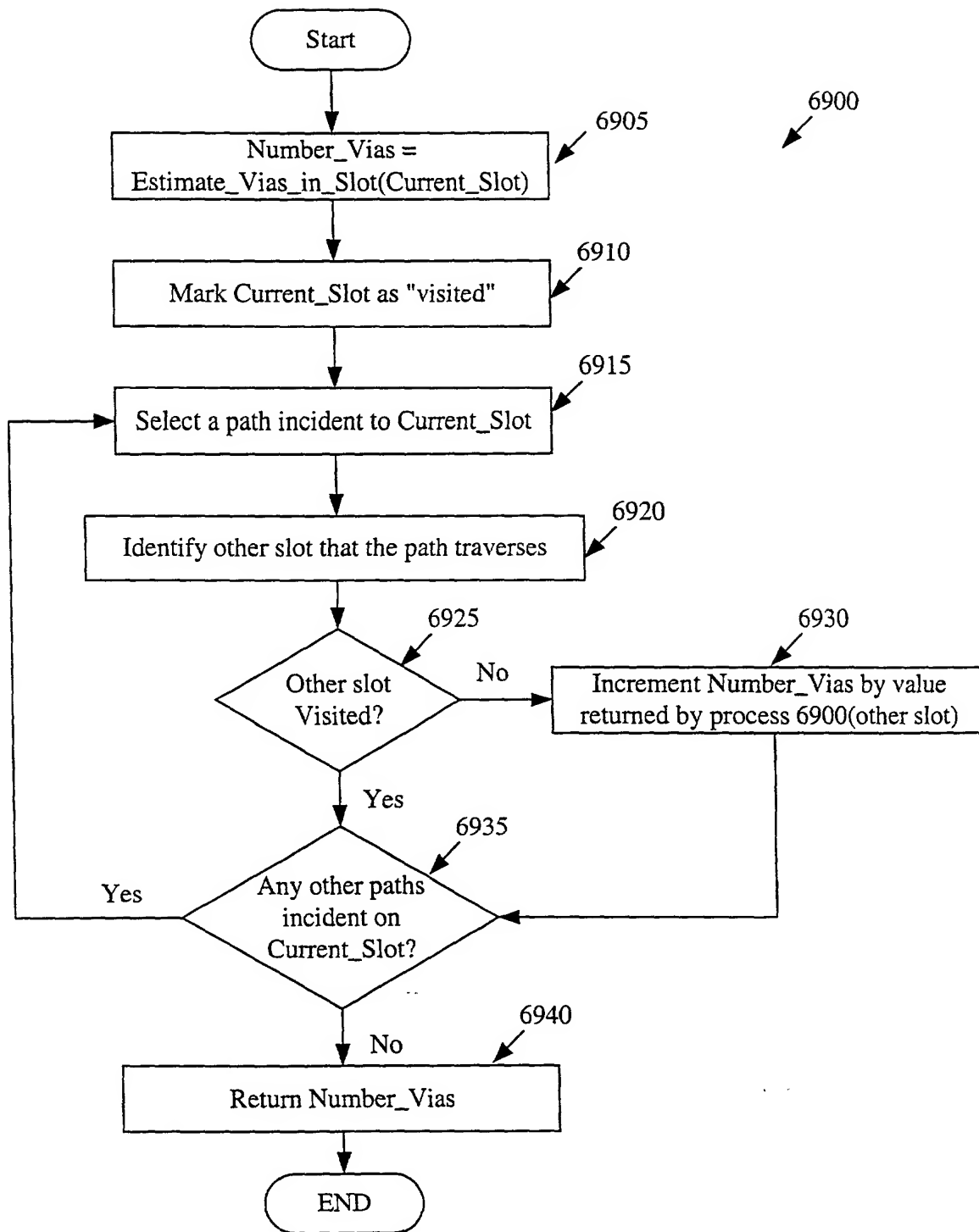


Figure 69

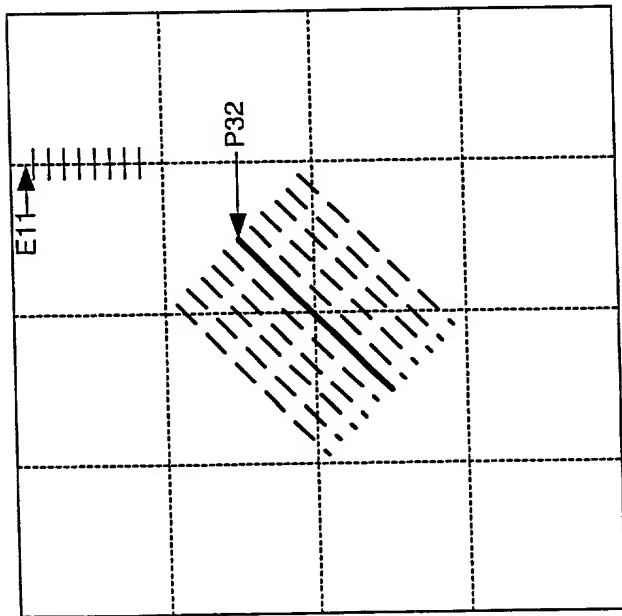


Figure 71

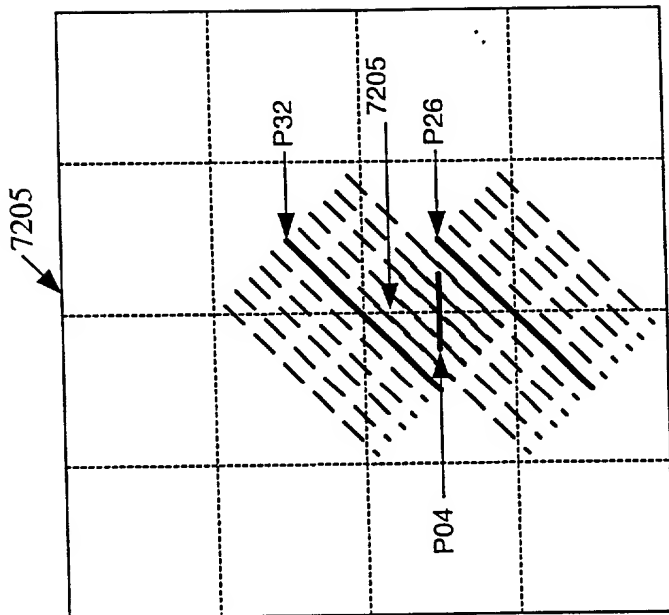


Figure 72

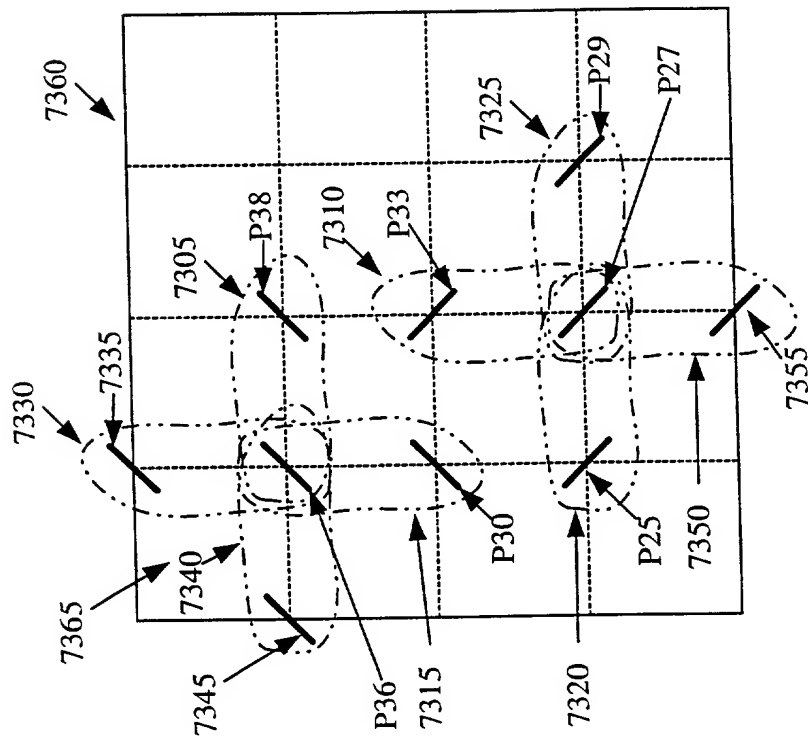


Figure 73

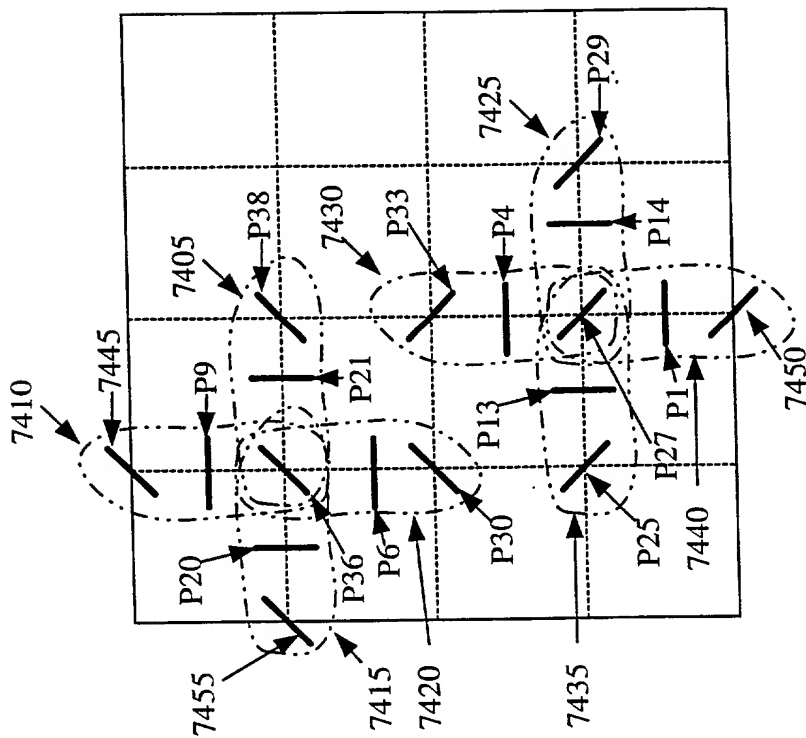


Figure 74

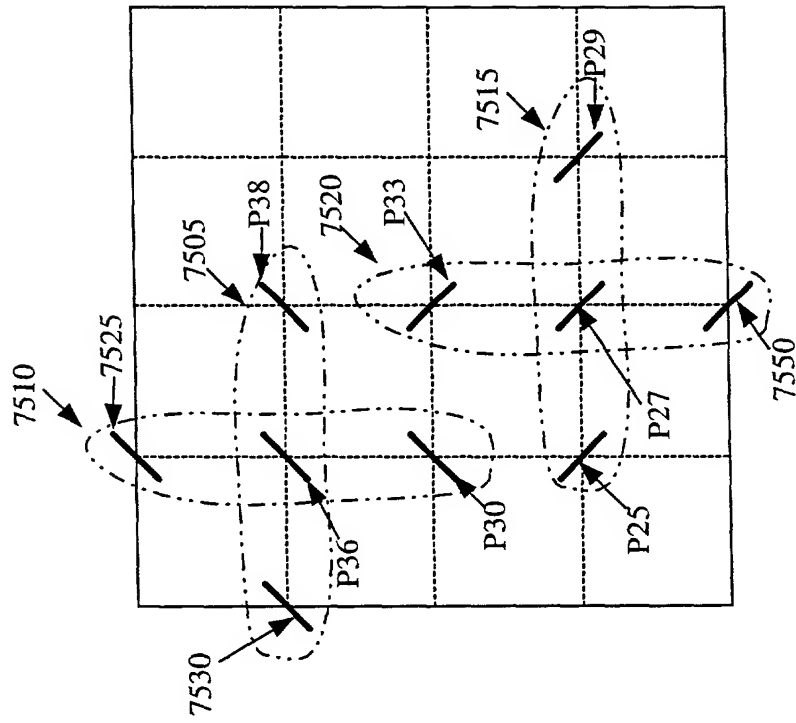


Figure 75

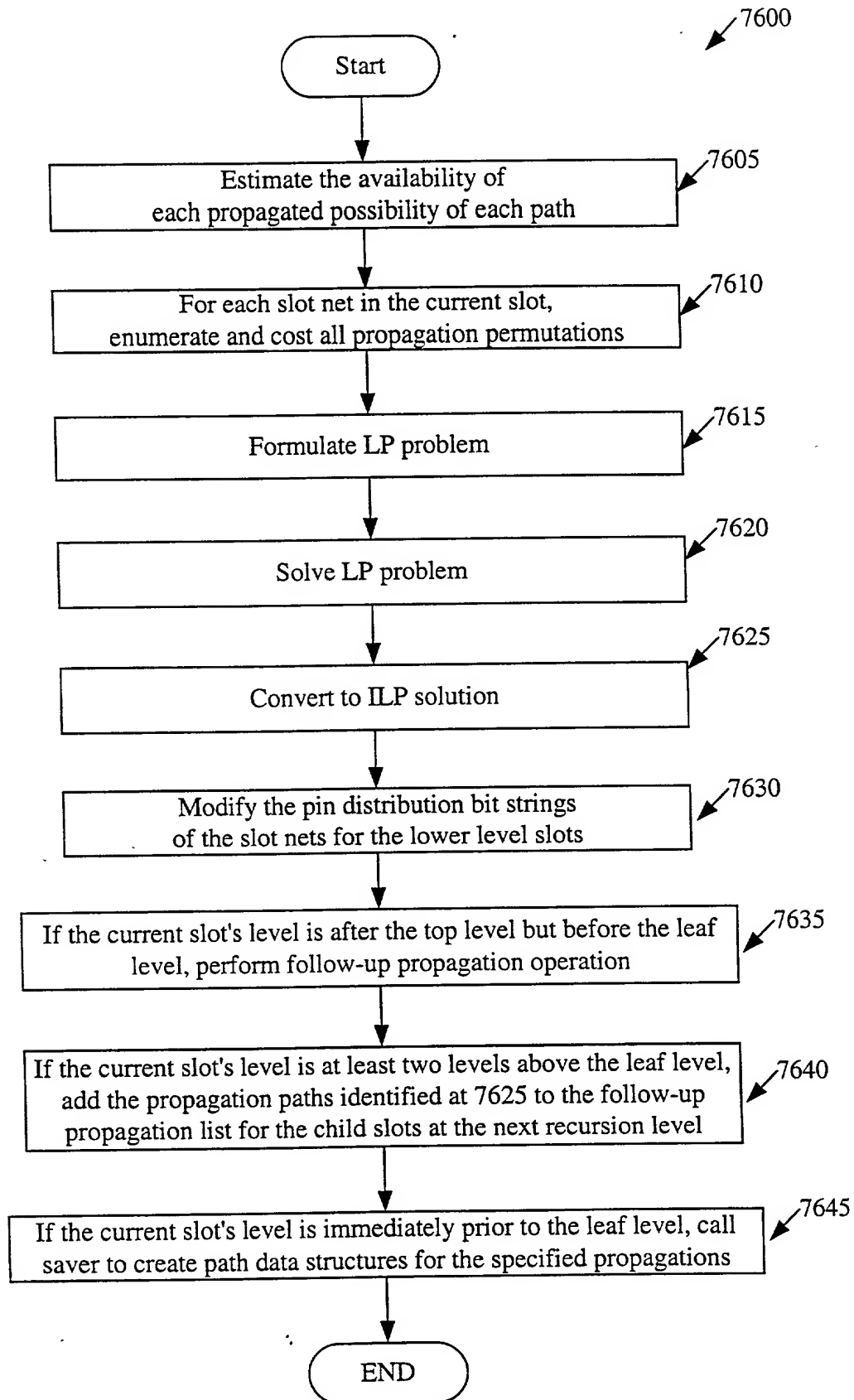


Figure 76

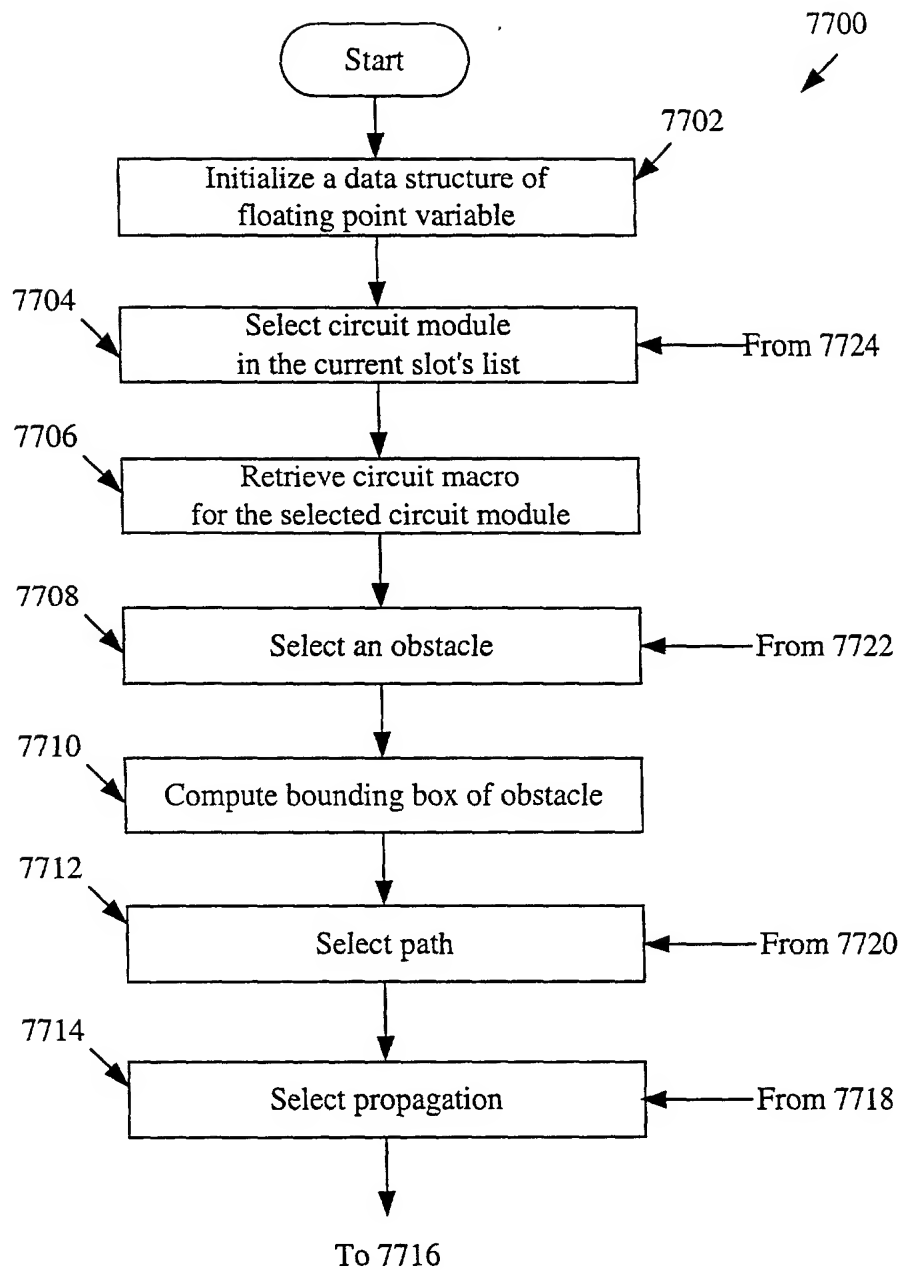


Figure 77A

Figure 77: $\frac{\text{Figure 77A}}{\text{Figure 77B}}$

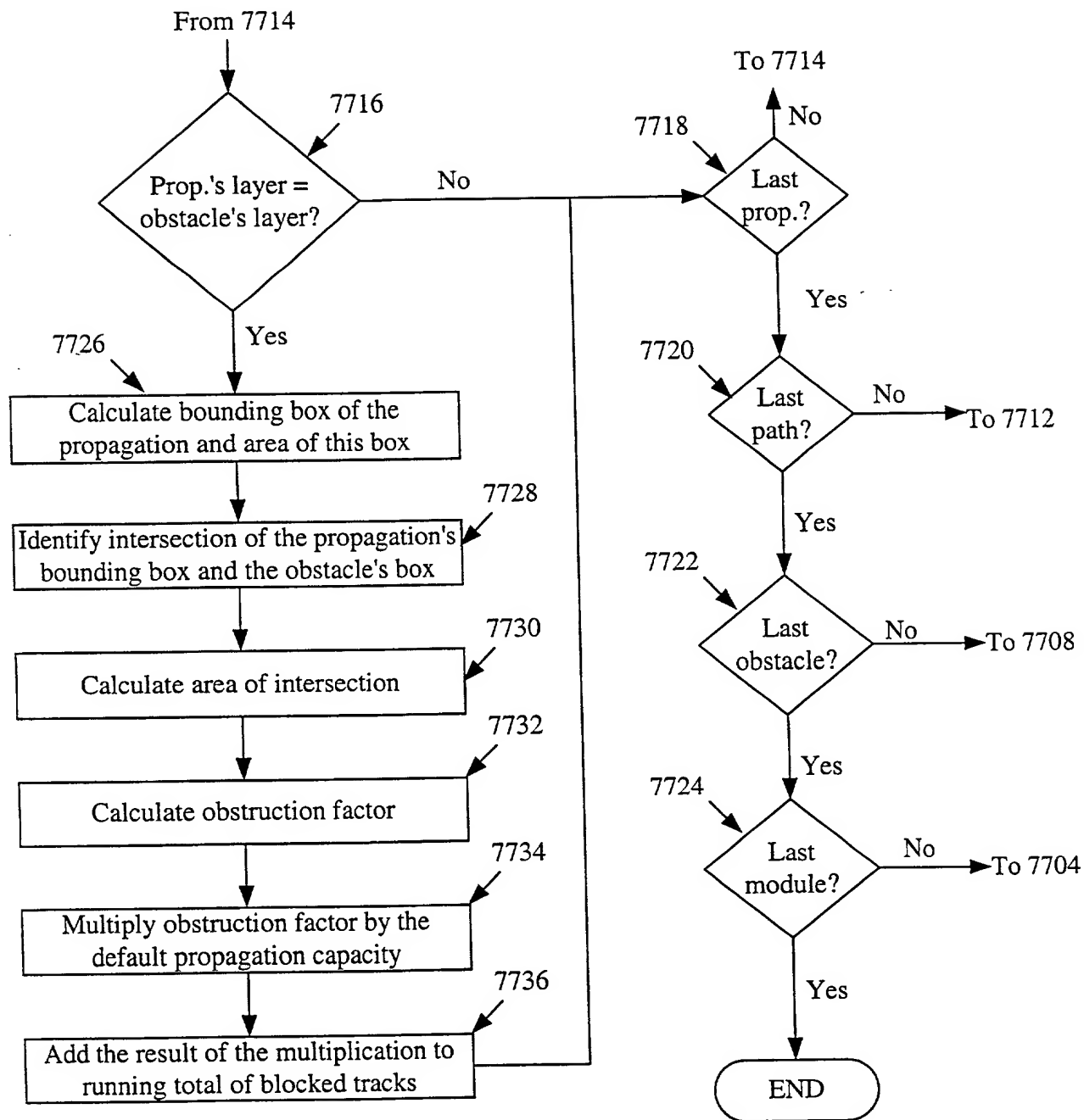


Figure 77B

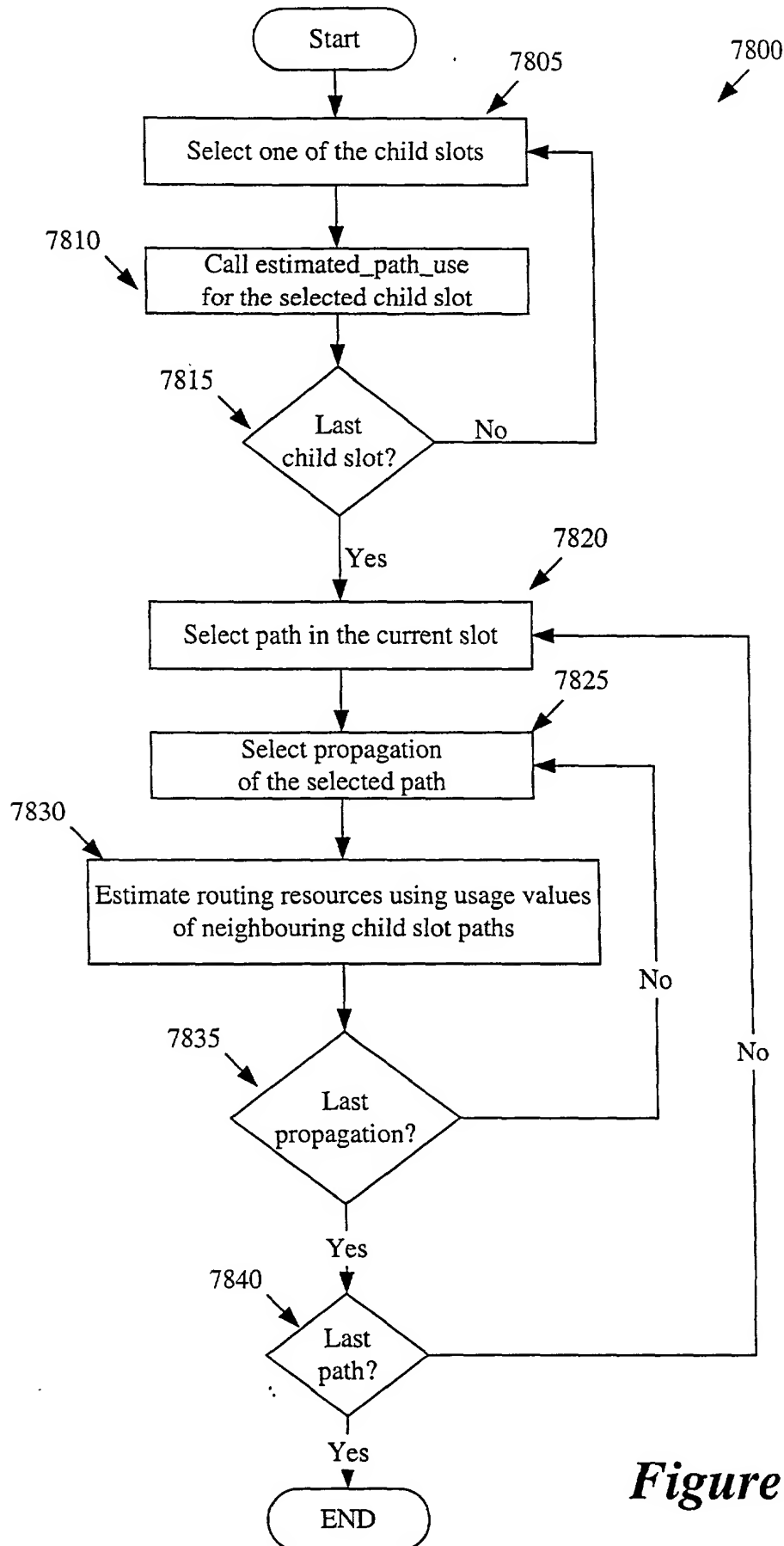


Figure 78

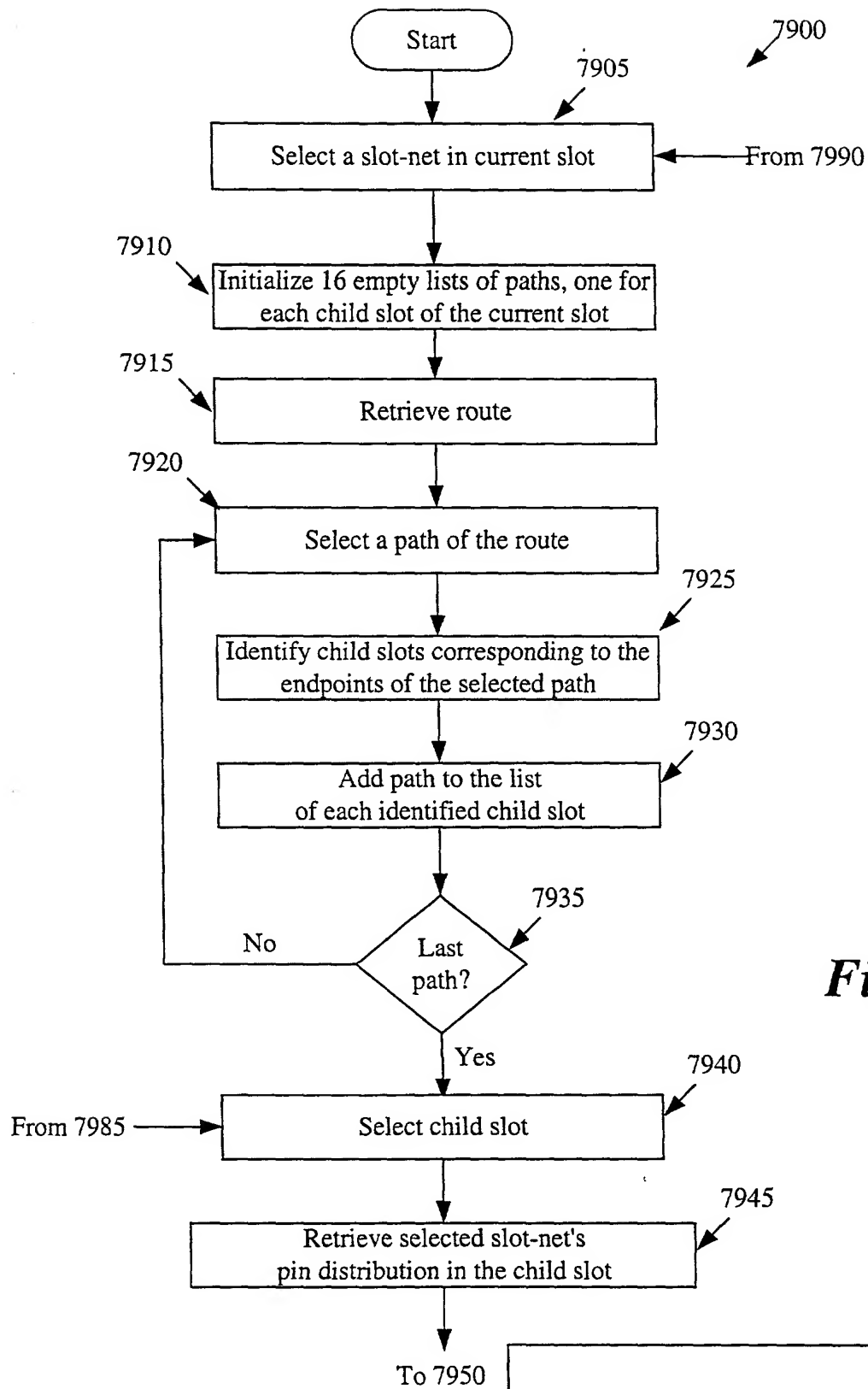


Figure 79A

*Figure 79: Figure 79A
Figure 79B*

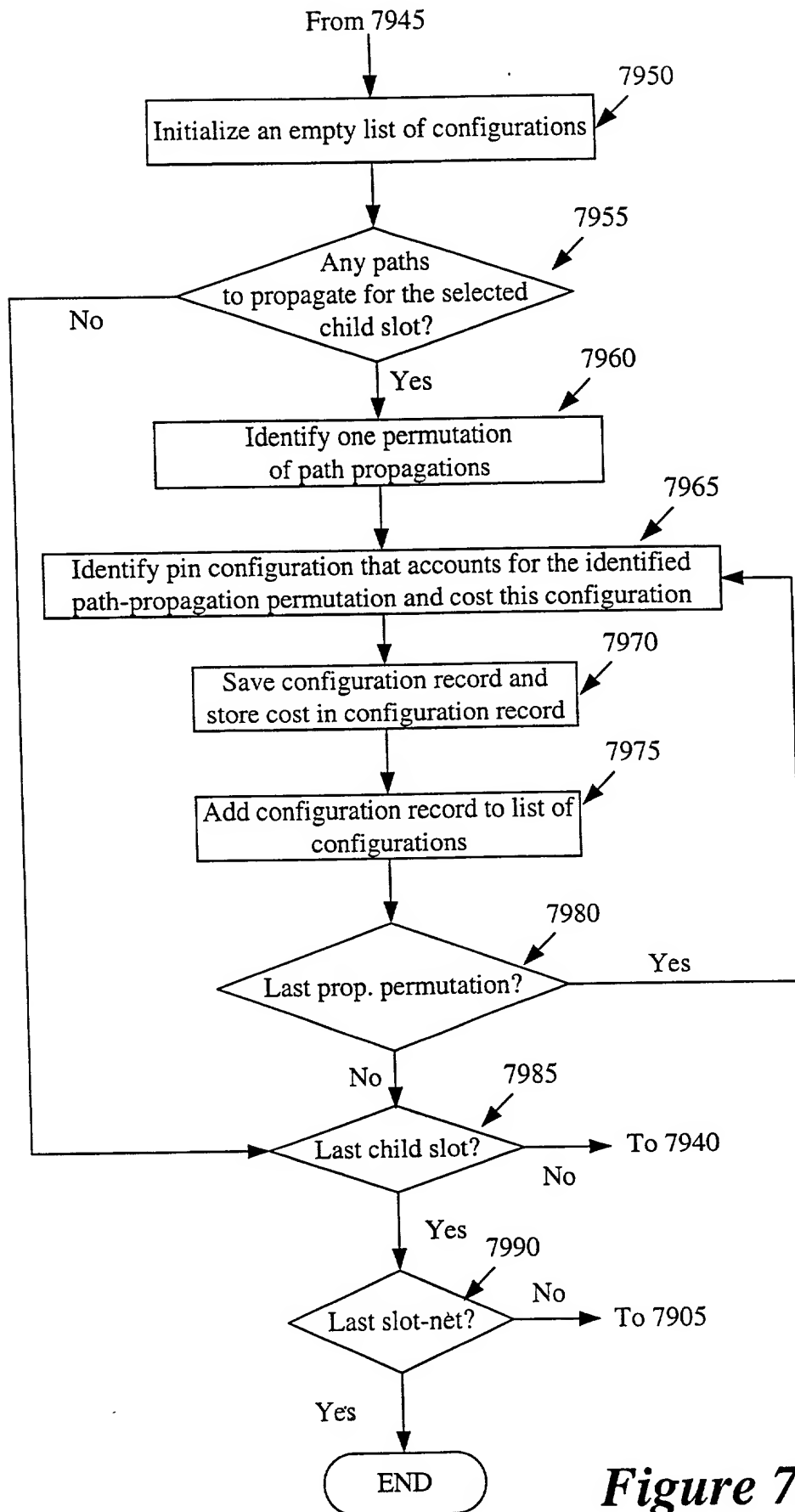


Figure 79B

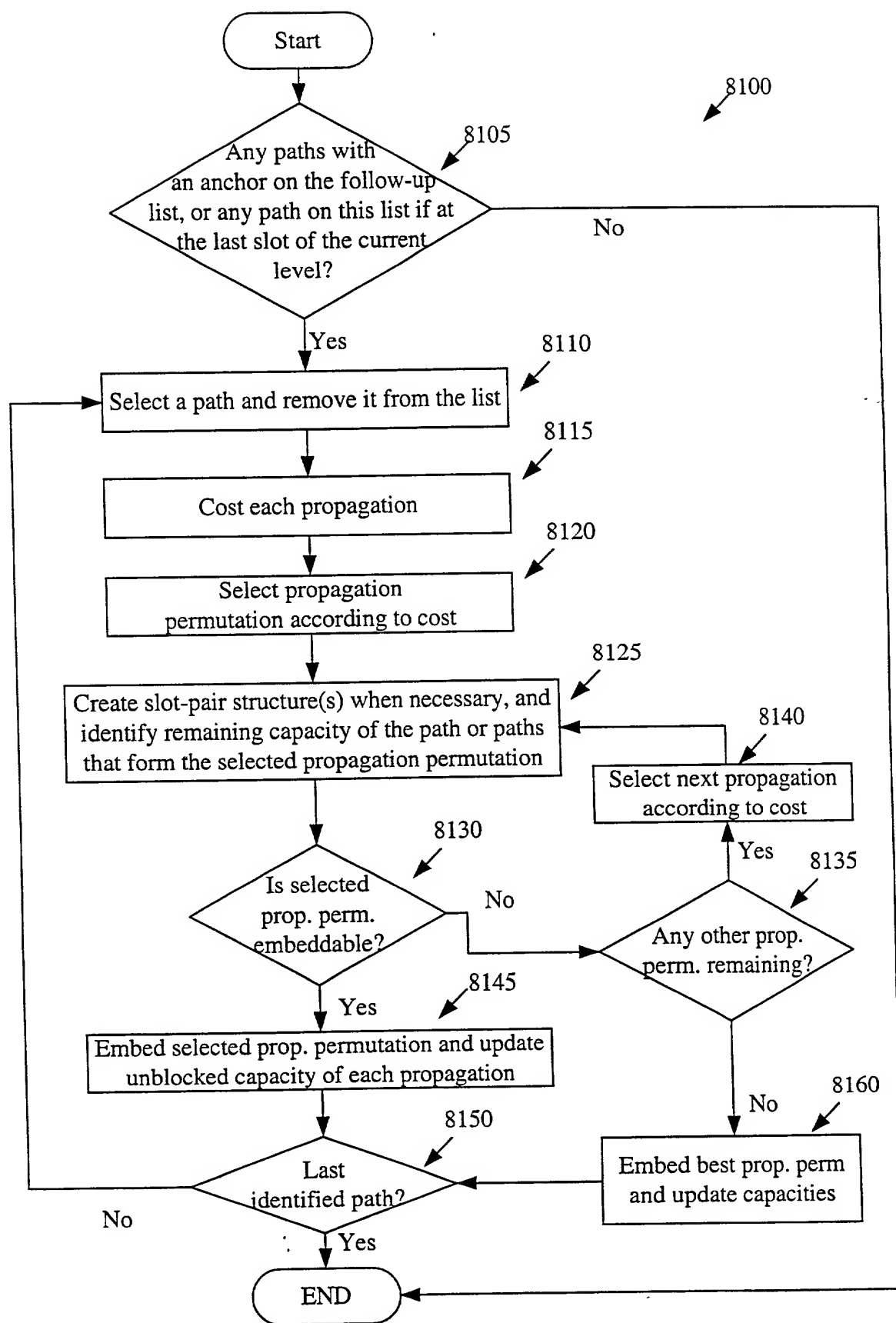


Figure 81

Figure 8 is a schematic diagram of a grid system. The grid is composed of a 4x4 array of large squares, each further divided into a 4x4 array of smaller squares. The grid is labeled with various components:

- 8220**: A label with an arrow pointing to the top-left corner of the grid.
- 8210**: A label with an arrow pointing to the top-left corner of the top-right quadrant.
- 8215**: A label with an arrow pointing to the top-right corner of the top-right quadrant.
- 8205**: A label with an arrow pointing to the bottom-right corner of the top-right quadrant.
- 8225**: A label with an arrow pointing to the bottom-right corner of the top-right quadrant.
- 8210**: A label with an arrow pointing to the bottom-left corner of the top-right quadrant.
- 8225**: A label with an arrow pointing to the bottom-right corner of the top-right quadrant.
- 8210**: A label with an arrow pointing to the bottom-left corner of the top-right quadrant.
- 8225**: A label with an arrow pointing to the bottom-right corner of the top-right quadrant.

Figure 82

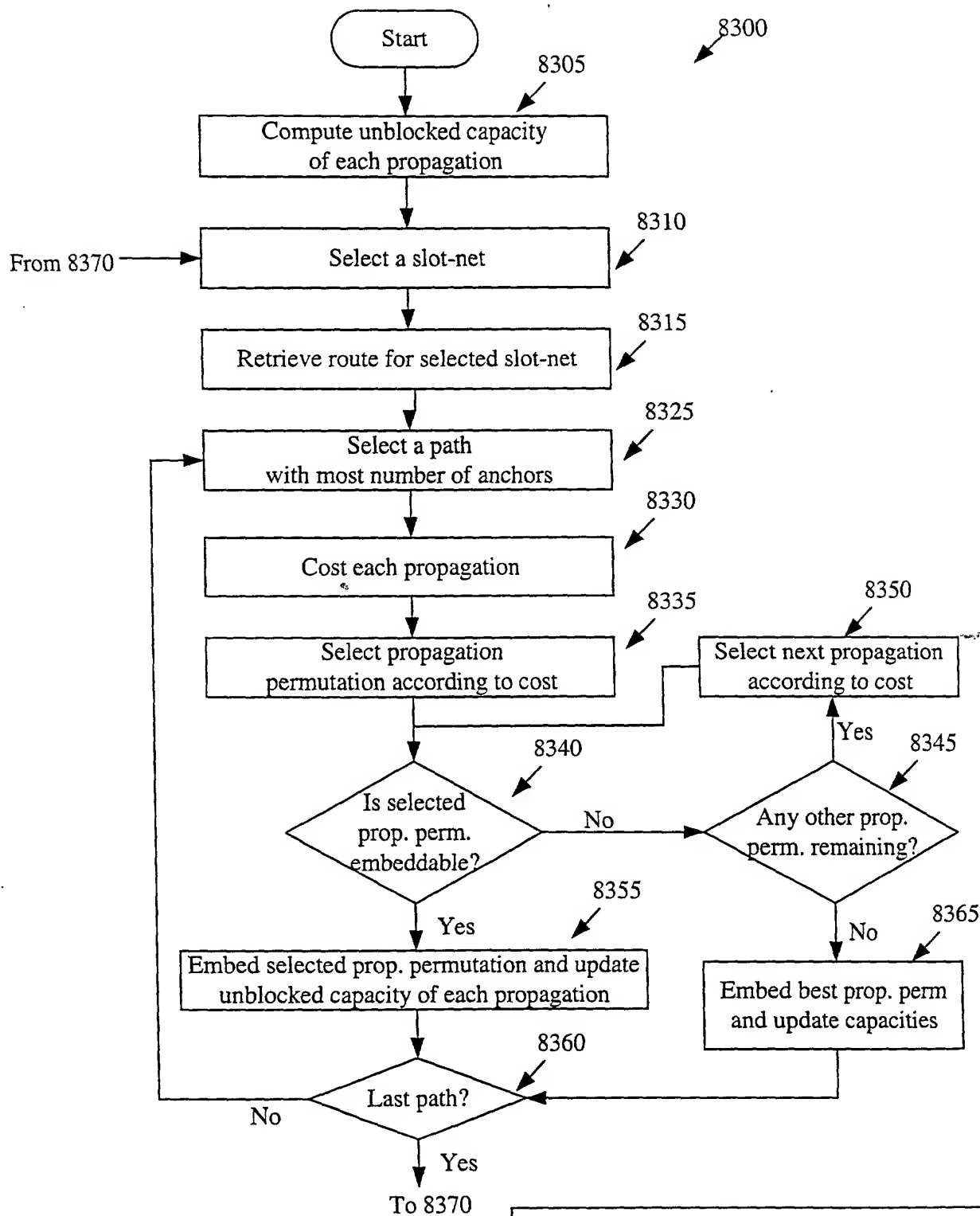


Figure 83A

Figure 83: *Figure 83A*
Figure 83B

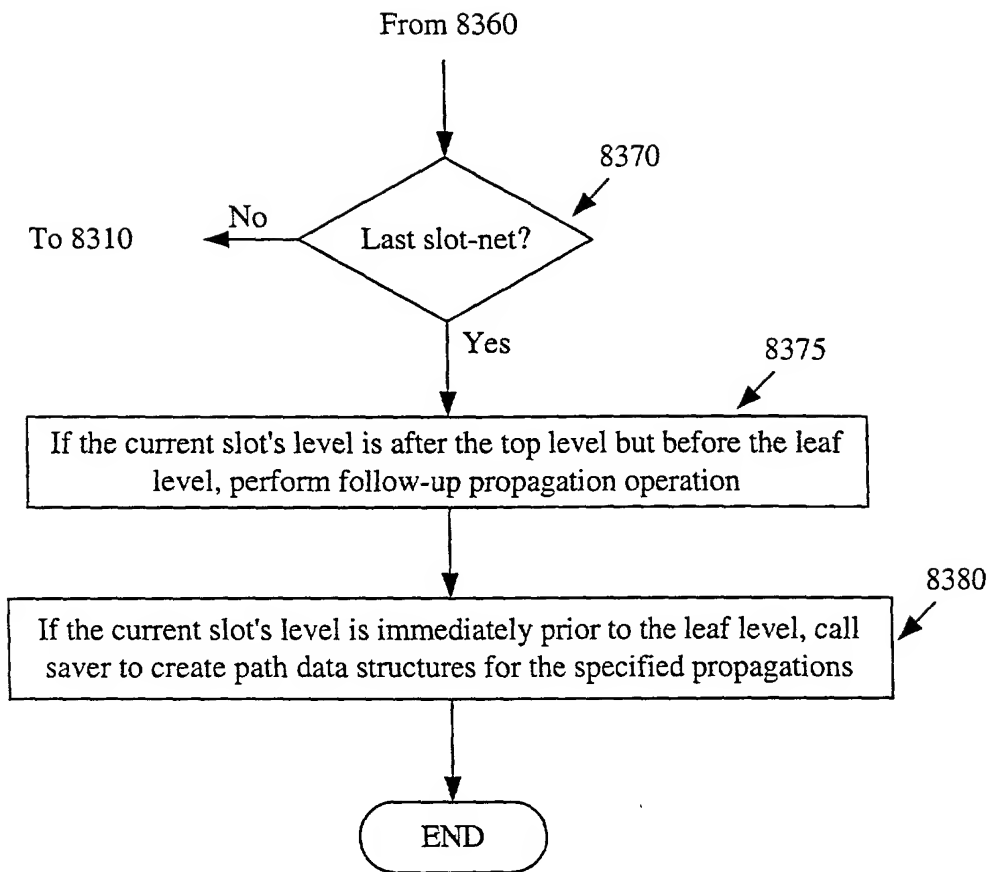


Figure 83B

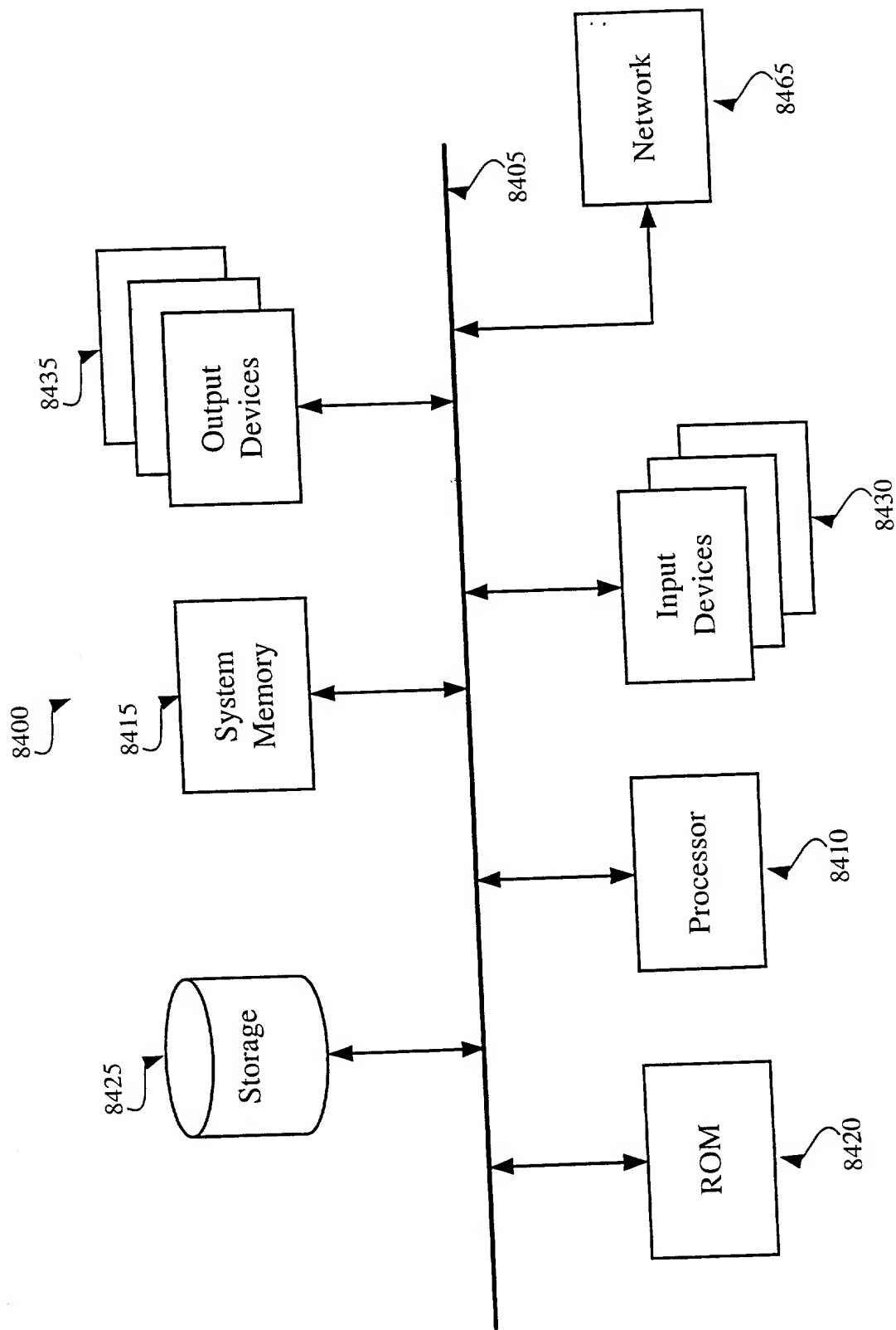


Figure 84